

Install Instructions for AWIPS Release 4.3.1

Please Call the NCF before you install R4.3.1

PLEASE READ ENTIRE DOCUMENT BEFORE BEGINNING INSTALLATION!

Perform the Pre-installation Requirements in advance of the R4.3.1 upgrade.

On the day of the install, call the NCF and tell them you are doing the R4.3.1 upgrade; give them the **version date** of the installation instructions you are using. Coordinate with your service backup sites, as needed.

The R4.3.1 install will take 7 to 9 hours to complete depending on the number of workstations and number of radars in use that your AWIPS system has.

NOTE 1: No data ingest time will be about 3.0 hours.

NOTE 2: Although it will take up to 9 hours to fully complete the R4.3.1 install, the system (except for OH and LDAD functions) will be available to use in 4 hours after the installation is started. (See PART 5, steps 2 to 4, on page 5-1.)

NOTE 3: After-Install Setup Procedures (PART 8 on page 8-1) must be run at all sites as part of the R4.3.1 upgrade. These include the following:

- A. Creating Radar Mosaics,
- B. Verify HWR NWR Products and Climate Products Setup,
- C. Merge/Update of Internal LDAD Files, and
- D. Merge of WarnGen “preWWA(B) Files.
- E. Disable NCF’s ability to ping the LDAD firewall and disable SMTP on firewall

Until Procedures “C” and “D” are completed, sites may find that the LDAD and WarnGen functionality will operate with default configurations which may not be operationally acceptable to the sites. Consequently, we suggest that the R4.3.1 installer reviews these procedures ahead of time to ensure some site personnel with a level of knowledge can perform them in PART 8.

NOTE 4: DO NOT use <CTL-C> to stop the installation scripts during the installation.

NOTE 5: DO NOT PROCEED if any unexpected problems are encountered. Instead, contact the NCF immediately **before** taking any action.

Part 0: Pre-installation Requirements (do several days before R4.3.1 upgrade)

Important Note: Read and perform the activities indicated on pages 2 through 6 up to several days before you do the R4.3.1 upgrade.

1. At least, Release 4.2.3 has been installed.
2. Verify the system is in "normal" operations with no "dsswap" package failed over. If you run into a problem, call the NCF.

cmviewcl

NOTE: Please see PART 1, step 3, on page 1-1 for detailed results.

3. Verify the system has appropriate percentage of disk space available on each server and workstation before you perform the R4.3.1 install:

A. On the DS1, DS2, AS1, AS2, and all workstations:

"/awips/fxa" file system should be no more than 90% used;
"/awips/hydroapps" file system should be no more than 80% used;
"/awips/adapt" file system should be no more than 90% used (Not in RFC);

To do this, run the following and verify the "%used disk space" from the output:

```
for i in ds1 ds2 as1 as2 $WORKSTATIONS
> do
> echo ---$i-
> remsh $i "bdf | grep awips"
> done
```

B. On the LS1:

"/var" file system should be no more than 90% used;
"/ldad" file system should be no more than 75% used;

To do this, run the following and verify the "%used disk space" from the output:

```
remsh ls1 "bdf /var /ldad"
```

NOTE: Please see PART 1, step 4, on page 1-1 and 1-2 for detailed explanation of results.

4. The sites have completed the following post install setup procedures (as defined in the R4.2.2 and R4.2.3 installation packages):

A. Radar Archive Setup Procedures (Procedure 2 of the R4.2.2 Post Install Setup)

B. Tune Up the OH WHFS Database (Procedure 9 of the R4.2.3 Post Install Setup)

C. Instructions to Run “allow_ping.sh” to Allow NCF to Ping the LDAD Firewall
(Procedure 5 of the R4.2.3 Post Install Setup)

NOTE: Item C is required by the R4.3.1 installation. Without it, your R4.3.1 installation will not work.

NOTE: Procedure 5 can also be found in APPENDIX B *Instructions to Run “allow_ping.sh” Script*. If you can’t find the R4.2.3 CD, run Procedure 5.0* which is found in the same appendix.

To ensure that procedure 5 (or 5*) was run correctly and that “allow_ping.sh” has been installed and run, please verify this on DS1 by entering the following:

```
ping ls1
```

If it works, the system shall continuously respond with the following messages:

```
PING ls1-<siteid>: 64 byte packets
64 bytes from 140.90.91.200: icmp_seq=0. time=1. ms
64 bytes from 140.90.91.200: icmp_seq=1. time=1. ms
```

Press <CTRL-C> to stop the ping command and continue. If it failed, please retrieve your R4.2.3 Installation Package and follow the Procedure 5 of the R4.2.3 Post Install Setup to install “allow_ping.sh”.

Please contact the NCF if you run into any problems.

5. Release 4.3.1 CD’s (2 for both WFO and RFC) have arrived at the site.
6. The Informix triggers will be recreated during the localization process, therefore, the site changes made to the Informix triggers will be lost. This means:

Changes to “/awips/fxa/informix/fxatextTriggerActions.txt” will be LOST!

Therefore, before the R4.3.1 installation, in order to preserve these changes, the sites

need to place them in the appropriate SiteConfig files and siteTrigger template file where LLL is the site ID in capital letters (e.g. LWX, EAX):

```
/awips/fxa/data/localization/LLL/LLL-ldadSiteConfig.txt,  
/awips/fxa/data/localization/LLL/LLL-hydroSiteConfig.txt,  
/awips/fxa/data/localization/LLL/LLL-adaptSiteConfig.txt,  
/data/fxa/siteConfig/textApps/siteTrigger.template
```

The R4.3.1 localization process will use the above SiteConfig files and siteTrigger template file (with changes) to recreate the new “/awips/fxa/informix/fxatextTriggerActions.txt” file without loss of previous changes.

7. **Before the R4.3.1 installation**, the site needs to save the following files if modified since the R4.2.2 upgrade: “wwa*.preWWA” files and “wwa*.preWWAB” files in both the “/data/fxa/nationalData” and “/data/fxa/customFiles” directories. To do this:

(A) Login the DS1 as root

(B) Change to “/data/fxa/nationalData” or “/data/fxa/customFiles” directory, enter:

```
cd /data/fxa/nationalData  
or cd /data/fxa/customFiles
```

(C) Copy the modified “wwa*.preWWA” and “wwa*.preWWAB” files to new files with a “R42” extension tagged to the original file name, enter

```
cp <file> <file.R42>
```

For example, use the following command to save a modified “wwa_tor.preWWA” file:

```
cp wwa_tor.preWWA wwa_tor.preWWA.R42
```

The changes made in these “wwa*.preWWA” and “wwa*.preWWAB” files prior to the R4.3.1 build need to be **manually merged** (see **PART 8, step 4, on page 8-4**) to new “wwa*.preWWA” files delivered by the R4.3.1 build. This will be done in Part 8.

NOTE: One change in “WarnGen” for the R4.3.1 build is that it will no longer support the option of templates in the old SRWARN format, so the system will no longer make any use of “wwa*.preWWAB” files. All WarnGen pre-templates will be “wwa*.preWWA” files.

8. The following **National Data Files** used in the R4.2 build will be **updated** by the R4.3.1

install: (File items 9 through 17 may not exist on the R4.2 system. If that is the case on your system, please ignore them.)

- (1) /data/fxa/nationalData/afosMasterPIL.txt
- (2) /data/fxa/nationalData/dataInfo.manual
- (3) /data/fxa/nationalData/depictInfo.manual
- (4) /data/fxa/nationalData/fsl-w88d.bdf
- (5) /data/fxa/nationalData/fsl-w88d.shp
- (6) /data/fxa/nationalData/fsl-w88d.shx
- (7) /data/fxa/nationalData/ispan_table.template
- (8) /data/fxa/nationalData/productButtonInfo.txt
- (9) /data/fxa/nationalData/raobDataKeys.txt
- (10) /data/fxa/nationalData/raob.goodness
- (11) /data/fxa/nationalData/raobDepictKeys.txt
- (12) /data/fxa/nationalData/raobProductButtons.txt
- (13) /data/fxa/nationalData/raobMenus.txt
- (14) /data/fxa/nationalData/twebAnchors.dbf
- (15) /data/fxa/nationalData/twebRoutes.dbf
- (16) /data/fxa/nationalData/twebRoutes.shp
- (17) /data/fxa/nationalData/twebRoutes.shx
- (18) /awips/fxa/data/collective_table.dat
- (19) /awips/fxa/data/raobStationInfo.txt
- (20) /awips/fxa/data/station_table.dat
- (21) /data/fxa/nationalData/redbookSurfaceMenus.txt
- (22) /data/fxa/nationalData/redbookProductButtons.txt
- (23) /data/fxa/nationalData/redbookDepictKeys.txt
- (24) /data/fxa/nationalData/redbookDataKeys.txt

Changes made to these files prior to the R4.3.1 install that have not been reported to the AWIPS National Datasets Maintenance (awipsndm) listserver and edited into the appropriate file at WSH will be LOST! Files 1, 7, 18, and 20 must be saved whether modified or not. If needed, the site should also save the modified files before the R4.3.1 installation and email any unreported changes to "awipsndm@infolist.nws.noaa.gov". To save files, do the following:

(A) Login the DS1 as root

(B) Change to "/data/fxa/nationalData", or "/awips/fxa/data" directory by entering:

```
cd /data/fxa/nationalData
or cd /awips/fxa/data
```

(C) Copy the modified national data files to new files with a "R42" extension tagged to the original file name, by entering:

```
cp <file> <file.R42>
```

For example, use the following command to save the modified “dataInfo.manual” file:

```
cp dataInfo.manual dataInfo.manual.R42
```

NOTE: The R4.2 version and R4.3.1 version of the national data files mentioned here may have different file formats. R4.3.1 software will only work with the R4.3.1 versions of national data files. Therefore, after the R4.3.1 installation, please **DO NOT** replace any of these national data files with their R4.2 version of files.

NOTE: In R4.3.1, the file sizes of the following three national data files are greatly reduced. This is because the raob related data was physically removed and placed in different files.

```
/data/fxa/nationalData/dataInfo.manual  
/data/fxa/nationalData/depictInfo.manual  
/data/fxa/nationalData/productButtonInfo.txt
```

9. If disabling the SMTP on the LDAD firewall is an issue for your site....contact your AWIPS Regional Focal Point to discuss it before you perform the R4.3.1 upgrade.
10. When localization is run, there is an order of precedence (or priority) in which source files are chosen. Source number 1, below, will take precedence over sources 2 and 3. In priority order, three general sources of input during localization are:
 1. /data/fxa/customFiles/<filename>
 2. /awips/fxa/data/localization/<site_id>/<site_id>-<filename>
 3. National templates under various directories (e.g., /awips/fxa/data)

Note: site_id is your 3 letter site id (i.e., CAE, EAX, etc.)

Therefore, ensure that common files in sources 1, 2 and 3 contain the same up-to-date information. Examples of files that should be checked are portInfo.txt and pupId.txt.

IMPORTANT NOTE: Another assumption of R4.3.1 localization is that it presumes that all site specific localization/customization (e.g., from workstations, etc.) have already been placed on DS1 **before the upgrade**. Also, if a workstation has been customized differently at your site, you need to save the changes off before the upgrade. After the upgrade is done, you may need to restore the changes and run the appropriate localization command. Customization to programs like the volume browser should also be saved off then restored, as well.

Automatic File Backup and Restore Information:

The following is important file backup and restoration information which you should review several days before the R4.3.1 install.

1. In **PART 2**, Install Release 4.3.1 LDAD Software:

A. On the internal LDAD side (on the DS1 and AS1):

- (1) The following internal R4.2 LDAD directories on the DS1 and AS1:

“/awips/fxa/ldad/bin” on the DS1,
“/awips/fxa/ldad/data” on the DS1, and
“/awips/fxa/htdocs/ldadMon/conf” on the AS1

will be **automatically saved** to “/data/fxa/LDAD_TEMP42” on the DS1 which is a NFS mount directory.

- (2) On the DS1, the following existing R4.2 LDAD files will be automatically saved and restored:

“/awips/fxa/ldad/data/*Station.txt”
“/awips/fxa/ldad/data/*.desc”
“/awips/fxa/ldad/data/*sess*”

B. On the external LDAD side (on the LS1):

- (1) **On the LS1**, entire “/ldad” directory will be automatically backed up to

/data/ldad/BACKUP42/LDAD42-<MMDDYY>.tar

where <MMDDYY> is the installation date, (e.g., LDAD42-050699.tar).

- (2) **On the LS1**, the R4.2 LDAD crontab (“ls1:/var/spool/cron/crontabs/ldad”) will be automatically saved to:

/data/ldad/BACKUP42/ldad42.crontab

- (3) **On the LS1**, the following files will be automatically saved and restored:

/data/ldad/public/sysop.address
/ldad/data/tmenu.mb
/ldad/.environs

/ldad/data/ldd.conf
/ldad/data/lda.conf
/ldad/data/siteId.txt
/ldad/data/ROSAsiteInfo.txt
/ldad/data/*Station.txt

NOTE: If the site does not save the “xyplexConfig.<siteid>” file in the LS1, “/ldad/bin” directory, it may or may not be saved in the tar file (see B.1 on previous page) depending on where it resides. Please make sure that the “xyplexConfig.<siteid>” is saved in the system.

2. In **PART 3**, Release 4.3.1 Pre-install, on the DS1, DS2, AS1, AS2, the following five crontab files will be automatically backed up to the “/var/spool/cron/crontabsR4.2” directory of each own server:

/var/spool/cron/crontabs/informix	/var/spool/cron/crontabs/ifps
/var/spool/cron/crontabs/ldad	/var/spool/cron/crontabs/root
/var/spool/cron/crontabs/oper	

3. In **PART 4**, Install Release 4.3.1 ADAPT Software, the following six IFPS sub-directories on the DS1 will be automatically backed up to “/awips/adapt/ifps/backup/*” directories:

/awips/adapt/ifps/Xdefaults	/awips/adapt/ifps/bin
/awips/adapt/ifps/crontab	/awips/adapt/ifps/data
/awips/adapt/ifps/database	/awips/adapt/ifps/eval

4. In **PART 5**, Install Release 4.3.1 FXA/System Software, the existing “/usr/x400mail/mtalist” file will be automatically saved to:

“/usr/x400mail/mtalistR4.2.3”

5. In **PART 6**, Install Release 4.3.1 OH Software, the following two R4.2 files:

“/awips/hydroapps/whfs/local/bin/whfs_crontab” and
“/awips/hydroapps/whfs/local/data/apps/metar2shef/metar.cfg”

will be automatically saved to:

“/awips/hydroapps/whfs/local/bin/whfs_crontab.R42”
“/awips/hydroapps/whfs/local/data/metar2shef/metar.cfg.R42”

PART 1: Preparing the System for Release 4.3.1 Install

Parts 1 through 11 should be done on the day of the R4.3.1 upgrade.

1. Call the NCF to tell them that you will perform the R4.3.1 upgrade. As needed, call your service backup sites.

Next, terminate and exit all D2D sessions, AWIPS applications, and any site specific applications that run via crons on all graphic and text workstations.

2. From a graphic workstation, start a telnet window and **login as root. All commands to follow are executed from the DS1 as root.**

From the telnet window, use the rlogin command to log into the DS1 by entering the following command:

```
rlogin ds1 -l root
```

3. Verify the system is in "normal" operations with no "dsswap" package failed over. If you run into a problem, call the NCF.

```
cmviewcl
```

NOTE: Output should be as follows: (The "dsswap" package should be up and running on ds1-<site>, where <site> is your site ID in lower case , e.g. eax, lwx.)

CLUSTER	STATUS			
awips	up			
NODE	STATUS	STATE		
ds1-<site>	up	running		
PACKAGE	STATUS	STATE	PKG_SWITCH	NODE
dsswap	up	running	enabled	ds1-<site>
NODE	STATUS	STATE		
ds2-<site>	up	running		
as1-<site>	up	running		
PACKAGE	STATUS	STATE	PKG_SWITCH	NODE
as1swap	up	running	enabled	as1-<site>
NODE	STATUS	STATE		
as2-<site>	up	running		
PACKAGE	STATUS	STATE	PKG_SWITCH	NODE
as2swap	up	running	enabled	as2-<site>

4. Verify the system has appropriate percentage of disk space available on each server and

workstation before you perform the R4.3.1 install:

A. On the DS1, DS2, AS1, AS2, and all workstations:

“/awips/fxa” file system should be no more than 90% used;
“/awips/hydroapps” file system should be no more than 80% used;
“/awips/adapt” file system should be no more than 90% used;

To do this, run the following and verify the “%used disk space” from the output:

```
for i in ds1 ds2 as1 as2 $WORKSTATIONS
> do
> echo ---$i---
> remsh $i "bdf | grep awips"
> done
```

NOTE: Sample output from a server or a workstation should be as follows:

Filesystem	kbytes	used	avail	%used	Mounted on
/dev/vg01/lvol5	409600	311174	92357	77%	/awips/fxa
/dev/vg02/lvol3	307200	222970	82513	73%	/awips/hydroapps
/dev/vg02/lvol4	737280	649346	82714	89%	/awips/adapt

If the percentage in the fifth column (%used) is larger than the proposed percentages, please check all their subdirectories and delete unused files.

B. On the LS1:

“/var” file system should be no more than 90% used;
“/ldad” file system should be no more than 90% used;

To do this, run the following and verify the “%used disk space” from the output:

```
remsh ls1 "bdf /var /ldad"
```

NOTE: Sample output from the LS1 should be as follows:

Filesystem	kbytes	used	avail	%used	Mounted on
/dev/vg00/lvol6	307200	195501	104767	65%	/var
/dev/vg00/lvol9	122880	90201	30651	75%	/ldad

If the percentage in the fifth column (%used) is larger than the proposed percentages, please check all their subdirectories and delete unused files.

If you have problems getting the %used disk space lower than the proposed percentages, please call the NCF.

5. Verify that the LDAD server and workstations are accessible. To check for this, run the following:

```
for i in ls1 $WORKSTATIONS
> do
> remsh $i hostname
> done
```

Response should be: *ls1-<site>, ws1-<site>, ws2-<site>, etc.*

NOTE: If you don't see the LDAD server or workstations responding, please check the non-responding systems. If you run into a problem, call the NCF.

6. Verify that the LDAD can be pinged from the DS1. To check this, on the DS1, type:

```
ping ls1
```

If it works, the system shall continuously respond with the following messages:

```
PING ls1-<siteid>: 64 byte packets
64 bytes from 140.90.91.200: icmp_seq=0. time=1. ms
64 bytes from 140.90.91.200: icmp_seq=1. time=1. ms
```

Press <CTRL-C> to stop the ping command and continue. If it failed, please read the NOTE discussed page 3.

7. Verify that at least the R4.2.3 has been installed:

```
cat /awips/Release_ID
```

NOTE: Output should be: **4.2.3, 4.2.4, 4.2.5, or 4.2.6.** If you did not see any of these results, please contact the NCF.

8. Verify that the site is localized correctly:

```
su - fxa                                /* switch to fxa user */
echo $SITE_TYPE                          /* site type, e.g. wfo or rfc */
echo $FXA_LOCAL_SITE                     /* siteID in upper case, e.g. LWX */
echo $FXA_INGEST_SITE                    /* siteID in upper case, e.g. LWX */
echo $FXA_LOCAL_TZ                       /* time zone, e.g. EST5EDT */
```

```

echo $NODE                /* $NODE is defined at WFO, but not at RFC,
                           e.g. WBC, BHM */
exit                       /* return as root */

```

Also, verify that the proper Satellite feed is set up correctly by entering: (where LLL is the siteID in capital, e.g. LWX, EAX)

```

cd /awips/fxa/data/localizationDataSets/LLL
cat whichSat.txt

```

If you run into a problem, call the NCF.

9. Verify that the following file has no lines longer than 80 characters: (where LLL is your site ID in capital, e.g. LWX, EAX, etc.)

```

/awips/fxa/data/localization/LLL/LLL-hydroSiteConfig.txt

```

If a line has more than 80 characters, it needs to be broken up into multiple lines. Line continuation will not work, i.e. each line should have its own entity.

10. The “/etc/fstab” file on each server and workstation should **not** have any entry for “/cdrom” setup. If you see “**cdrom**” (see next line):

```

/dev/dsk/c1t1d0 /cdrom cdfc r0 suid 0 0

```

then you will need to **remove** the line with “/cdrom” in it. See A and B, below.

- A. To check for this problem on servers and workstations, run the following:

```

for i in ds1 ds2 as1 as2 ls1 $WORKSTATIONS
> do
> echo ---$i -
> remsh $i "grep cdrom /etc/fstab"
> done

```

- B. Remove the lines containing “/cdrom” entries discovered in A.

11. If your site has switched to AWIPS Operational Mode (AOM) and has installed the “NWWS exclude patch”, use the following commands to save the “**site-unique**” NWWS product exclusion list file: (where <site> is your site ID in upper case, e.g. LWX, EAX)

```

cd /data/fxa/workFiles/wanMsgHandling

cp -p NWWS_exclude_<site>.txt NWWS_exclude_<site>.txt.R42

```

NOTE: The “NWWS exclude patch” includes two script files (“handleOUP.pl” and “textWan.tcl”), and one configuration file (“NWWS_exclude_<site>.txt”). Since both “handleOUP.pl” and “textWan.tcl” scripts will be re-installed as part of R4.3.1 baseline, there is no need to save them here.

12. Download the latest version of national data files from the NOAA1 Server:

A. Change to the “/awips/fixa/data” directory on DS1:

```
cd /awips/fixa/data
```

B. Connect to the NOAA1 ftp server by entering the command:

```
ftp 165.92.30.15
```

Once you are connected to the NOAA1 ftp server, login as **ftp** user with a password of **4AWIPS!**

C. Get the national data files from NOAA1 ftp server by entering the commands:

```
binary
```

```
hash
```

```
cd /awips/fixa/data
```

```
get selsAnchors.txt
```

```
get wmoSiteInfo.txt
```

```
get afos_lookup_table.dat
```

```
get metarStationInfo.txt
```

```
bye
```

13. Mount the “ADAPT, LDAD, SITE SPECIFIC” CD on the DS1:

Insert the Release 4.3.1 CD into the CD-ROM drive on the DS1 and run the following command:

For K class server:

```
mount /dev/dsk/c3t2d0 /cdrom
```

For D class server:

```
mount /dev/dsk/c1t2d0 /cdrom
```

14. Run the "prepareR4.3" script: (Sample output and error information are shown in Appendix A, page A1-1.)

```
cd /cdrom
```

```
script -a /home/ncfuser/prepare43.out
```

```
./prepareR4.3
```

```
./stopscript
```

NOTE: This step can take from 2 to 5 minutes. This will remove some old partitions and clean up the "/dev/vg02" partition.

15. After the script ends, review the script output file, "/home/ncfuser/prepare43.out", to ensure that no unexpected errors (such as "fail", "error") were encountered during the installation.

If no errors occurred proceed to PART 2, otherwise contact the NCF.

PART 2: Install Release 4.3.1 LDAD Software

Automatically Saved and Restored Internal LDAD Files:

1. The following internal R4.2 LDAD directories on the DS1 and AS1:

“/awips/fxa/ldad/bin” on the DS1,
“/awips/fxa/ldad/data” on the DS1, and
“/awips/fxa/htdocs/ldadMon/conf” on the AS1

will be **automatically** saved to “/data/fxa/LDAD_TEMP42” on the DS1 which is a NFS mount directory.

2. The following R4.2 LDAD files **on the DS1** will be **automatically** restored:

“/awips/fxa/ldad/data/*Station.txt”
“/awips/fxa/ldad/data/*.desc”
“/awips/fxa/ldad/data/*sess*”

NOTE: On the DS1, new baseline “*Station.txt”, “*.desc”, and “*sess*” files that are being delivered with AWIPS R4.3.1 will be tagged with “R4.3 baseline” extension, e.g. “<filename>.43bsln” to distinguish them from the R4.2 version files. For example, LARC.desc, LARCStation.txt, and xmtest_coll_sess are restored R4.2 version files; while LARC.desc.43bsln, LARCStation.txt.43bsln, and xmtest_coll_sess.43bsln are new R4.3.1 version baseline files.

Automatically Saved and Restored External LDAD Files:

1. **On the LS1**, entire “/ldad” directory will be **automatically** backed up to

/data/ldad/BACKUP42/LDAD42-<MMDDYY>.tar

where <MMDDYY> is the installation date, (e.g., LDAD42-050699.tar).

If necessary after the entire install is completed, the sites can use the following commands to restore files:

```
su - ldad
cd /
tar -xvf <tar_file> <file_path>
```

(For example, to restore /ldad/data/tmenu.mb from /data/ldad/LDAD42-050699.tar type the following:

```
tar -xvf /data/ldad/BACKUP42/LDAD42-050699.tar ldad/data/tmenu.mb
```

where <file_path> can be found by typing:

```
tar -tvf /data/ldad/BACKUP42/LDAD42-050699.tar | grep tmenu.mb )
```

2. **On the LS1**, the R4.2 LDAD crontab (“ls1:/var/spool/cron/crontabs/ldad”) will be automatically saved to:

/data/ldad/BACKUP42/ldad42.crontab

3. **On the LS1**, the following files will be **automatically** saved and restored:

```
/data/ldad/public/sysop.address
/ldad/data/tmenu.mb
/ldad/.environs
/ldad/data/ldd.conf
/ldad/data/lda.conf
/ldad/data/siteId.txt
/ldad/data/ROSAsiteInfo.txt
/ldad/data/*Station.txt
```

1. Login the LS1 to verify that there is no LDAD application running with the “/usr/local” partition:

A. **rlogin ls1**

NOTE: If you run samba at your site, **samba must be stopped**. A typical way that many site will do this is to use the vi editor and edit the **/etc/inetd.conf** file and comment out the 3 lines that contain: **smbd**, **nmbd**, and **swat**. To do this, place a **#** at the beginning of these 3 lines. After doing this, run the following command:

```
inetd -c
```

B. **fuser -c /usr/local**

If the LS1 returns a list of process IDs (<pid>), use the “kill -9” command to kill each process:

C. **kill -9 <pid>**

Example: If the LS1 returns the result such as “/usr/local: **22487mt 22490mt**“, use the following commands to kill them:

```
kill -9 22487
```

```
kill -9 22490
```

IMPORTANT NOTE: Please be sure to stop all local software such as samba, ldm, etc. Disable any crons which start these applications (e.g., root LDAD). These applications and crons should be restart in step 5 of this section.

After each listed process is killed, enter the following command to return to the DS1:

D. **exit**

2. Run the “installLDAD43” script to install LDAD software: (Sample output and error information are shown in Appendix A, page A2-1.)

```
cd /cdrom
```

```
script -a /home/ncfuser/installLDAD43.out
```

```
./installLDAD43
```

```
./stopscript
```

NOTE: This step can take from 10 to 20 minutes. This will update your system to 4.3.1 LDAD.

NOTE: If the screen can not scroll, resize the window and this will fix the problem.

3. After the script ends, login the LS1 and restore the xyplex configuration file from the backed up tar file: (where MMDDYY is your R4.3.1 installation date, and <siteid> is your site id in lower case, e.g. eax, lwx)

```
rlogin ls1 -l ldad
```

```
cd /
```

```
tar -xvf /data/ldad/BACKUP42/LDAD42-MMDDYY.tar ldad/bin/xyplexConfig.<siteid>
```

```
exit
```

 (Logout of LS1 and return to the DS1 as root)

NOTE: If the site does not save the “xyplexConfig.<siteid>” file in the “/ldad/bin” directory, it may or may not be saved in the tar file depending on where it resides. Please make sure that the “xyplexConfig.<siteid>” is saved in the system.

4. Review the script output file, “/home/ncfuser/installLDAD43.out”, to ensure that no unexpected errors (such as “Text file busy”, “fail”, “error”) were encountered during the installation.
5. You can restart the “local application software” stopped in step 1, such as ldm, samba, etc. and enable any crons which start these applications (e.g., root LDAD).

NOTE: If you run samba at your site, a typical way that many site will restart samba is to use the vi editor and edit the **/etc/inetd.conf** file and remove the comments from the 3 lines that contain: smbd, nmbd, and swat. To do this, remove the # at the beginning of these 3 lines. After doing this, run the following command:

```
inetd -c
```

If no errors occurred proceed to PART 3, otherwise contact the NCF.

PART 3: Release 4.3.1 Pre-install

Automatically Saved Crontab Files:

On the DS1, DS2, AS1, AS2, the following five crontab files will be automatically backed up to the “/var/spool/cron/crontabsR4.2” directory of each own server:

/var/spool/cron/crontabs/informix	/var/spool/cron/crontabs/ifps
/var/spool/cron/crontabs/ldad	/var/spool/cron/crontabs/root
/var/spool/cron/crontabs/oper	

1. Run the “preinstallR4.3” script: (Sample output and error information are shown in Appendix A, page A3-1.)

```
cd /cdrom

script -a /home/ncfuser/preinstall43.out

./preinstallR4.3

./stopscript
```

NOTE: This step can take from 40 to 60 minutes. This step will shut down all processes, clean up some old files, install new freeware, and create a new partition.

NOTE: If you see the following message you can ignore it:
/sbin/init.d/hdpdecode[87]: 29842 Bus error (coredump)

2. After the script ends, ensure that there are no stray processes on the DS1, DS2, AS1, AS2, and Workstations:
 - A. Using the **editor** of your choice to **create** a “/home/ncfuser/check_process” script file which includes the following commands:

```
for i in ds1 ds2 as1 as2 $WORKSTATIONS
do
echo ---$i-
remsh $i "ps -ef | grep -v grep | grep fxa"
remsh $i "ps -ef | grep -v grep | grep oper"
remsh $i "ps -ef | grep -v grep | grep ifps"
remsh $i "ps -ef | grep -v grep | grep mta"
remsh $i "ps -ef | grep -v grep | grep lamp"
remsh $i "ps -ef | grep -v grep | grep ldad"
```

```
remsh $i "ps -ef | grep -v grep | grep awipsusr"
remsh $i "ps -ef | grep -v grep | grep textdemo"
done
```

- B. Run the “check_process” script by typing in the following:

```
cd /home/ncfuser
chmod 755 check_process
./check_process > check_process.out
```

NOTE: This will take approximately 45 seconds to complete.

- C. View the “/home/ncfuser/check_process.out” file to ensure that there are no stray processes (which were not killed by the “preinstallR4.3” script run in step 1) running. If any stray process are detected, please use the “**kill -9 <pid>**” command to kill it (where <pid> is the process ID); see (3), below, for the exceptions.

- (1) If, however, you see the following “oper” process running:

```
/awips/hydroapps/whfs/standard/bin/process_dpafiles /awips/h
```

then you should kill it by typing:

```
/sbin/init.d/hdpdecode stop
```

- (2) If, you see the following “x400mta” process running (where <site> is your site ID in lower case):

```
x400mta -d/usr/x400mail <site>
```

then you should kill it by typing:

```
/awips/ops/bin/x400mta_stop
```

- (3) On the workstation you are performing the R4.3.1 upgrade, the following acceptable processes may be running (You don’t need to kill them.):

```
xclock -padding 8 -name localclock -fg black -bg lightgray
/usr/dt/bin/ttsession -s
dtwm
/usr/dt/bin/dtsession
xterm -title Dear_Old_state -n Dear_Old_State -fg green -b
telnetd -b /etc/issue
```

3. Review the script output file, “/home/ncfuser/preinstall43.out”, to ensure that no unexpected errors (such as “Text file busy”, “fail”, “error”) were encountered during the installation.

If no errors occurred proceed to PART 4, otherwise contact the NCF.

PART 4: Install Release 4.3.1 ADAPT Software

Automatically Saved and Restored IFPS Files:

The following six IFPS sub-directories on the DS1 will be **automatically** backed up to “/awips/adapt/ifps/backup/*” directories:

```
/awips/adapt/ifps/Xdefaults  
/awips/adapt/ifps/bin  
/awips/adapt/ifps/crontab  
/awips/adapt/ifps/data  
/awips/adapt/ifps/database  
/awips/adapt/ifps/eval
```

If necessary, after the entire install is completed, the site can restore files from the backup directory.

1. Run the “installADAPTR4.3” script to install the ADAPT software: (Sample output and error information are shown in Appendix A, page A4-1.)

```
cd /cdrom  
  
script -a /home/ncfuser/installADAPT43.out  
  
./installADAPTR4.3  
  
./stopscript
```

NOTE: This step can take from 10 to 20 minutes. **The installation script will check the site type and automatically skip this ADAPT installation for the RFC sites.** The RFC sites should skip Step 2, and go directly to Step 3 to un-mount the CD.

NOTE: If the site has installed and used the “R4.3 version of Climate Program”, you may see the similar error messages as shown below. Please ignore them.

```
ALTERing daily_climate table, adding wx_meth column before wx_1 column.  
Calling Informix dbaccess. Messages follow:
```

```
ERROR IN ALTERING TABLE!! See file updatehmdb_99d.LOG
```

```
Creating new cli_asos_daily and cli_asos_monthly tables.  
Calling Informix dbaccess. Messages follow:
```

ERRORS IN LOADING!! See file updatehmdb_99e.LOG

logout

2. After the script ends, fix the ownership for IFPS executables: **(for WFO sites only)**

```
cd /awips/adapt/ifps/bin
```

```
chown ifps:awips *
```

3. Un-mount the “ADAPT, LDAD, SITE SPECIFIC” CD:

```
cd /
```

```
fuser -k /cdrom
```

```
umount /cdrom
```

Remove the current “ADAPT, LDAD, SITE SPECIFIC” CD from the CD-ROM drive on the DS1.

4. Review the script output file, “/home/ncfuser/installADAPT43.out”, to ensure that no unexpected errors (such as “Text file busy”, “fail”, “error”) were encountered during the installation.

If no errors occurred proceed to PART 5, otherwise contact the NCF.

PART 5: Install Release 4.3.1 FXA/System Software

Automatically Saved and Restored FXA Files:

The existing “/usr/x400mail/mtalist” file will be **automatically** saved as:

/usr/x400mail/mtalistR4.2.3

1. Edit the “/awips/fxa/data/localization/LLL/LLL-radarsInUse.txt” file **on the DS1** (where LLL is the site ID in capital letters, e.g. LWX, EAX) to change every dedicated radar flag (whose value equals to 1) to a dedicated/dial-out flag (whose value equals to 2). This flag change will allow your AWIPS to receive radar products from a dedicated radar either through a dedicated line or a dial line.
 - A. Open the “/awips/fxa/data/localization/LLL/LLL-radarsInUse.txt” file on the DS1,
 - B. Search the entry where the radar flag (in the final column) was set to 1 (dedicated radar),
 - C. Change the flag value from 1 to 2 (dedicated/dial-out radar),
 - D. Repeat step B and C for all dedicated radars.

NOTE: The R4.3.1 localization process will validate the new configuration changes and push them out to all servers and workstations.

2. Mount the “WFOA, LAPS, PRC, OH Install” CD on the DS1 as follows:

Insert the “WFOA, LAPS, PRC, OH Install” CD into the CD-ROM drive on the DS1 and run the following command:

For K class server:

```
mount /dev/dsk/c3t2d0 /cdrom
```

For D class server:

```
mount /dev/dsk/c1t2d0 /cdrom
```

3. Run the “installR4.3” script to install the FXA/System software: (Sample output and error information are shown in Appendix A, page A5-1.)

```
cd /cdrom
```

```
script -a /home/ncfuser/install143.out
```

```
./installR4.3
```

./stopscript

NOTE: You may see some prompts for input from the user, ignore these messages. **The script will provide all needed input.** If the screen can not scroll during the install, resize the window and this will fix the problem.

NOTE: This step can take from 2 to 4 hours depending on the number of workstations.

NOTE: A full localization will take place on DS1. Localized results will be pushed out from the DS1 to: DS2, AS1, AS2, and all workstations.

4. **After the “./installR4.3” script is completed,** power off and on both the CPSBN1 and CPSBN2 (Satellite Broadcast Processors 1 and 2) in the SBN rack. By doing so, both the CPSBN1 and CPSBN2 will be forced to reset and to re-start buffering the incoming satellite data.
5. **At this point, the system is up and operational except the OH and LDAD functions.** Start up D2D on all workstations and start using the system. The OH and LDAD functions will be available after PART 7 (Post Install) is completed.

It should be noted, however, that until procedure 3 (Merge/Update of Internal LDAD Files) and procedure 4 Merge of WarnGen “preWWA(B) Files are executed in Part 8, sites may find that the LDAD and WarnGen functionality will operate with default configurations which may not be operationally acceptable to the sites.

6. Review the script output file, “/home/ncfuser/install43.out”, to ensure that no unexpected errors (such as “Text file busy”, “fail”, “error”) were encountered during the installation.

If no errors occurred proceed to PART 6, otherwise contact the NCF.

PART 6: Install Release 4.3.1 OH Software

Information on OH Files Automatically Saved and Restored:

1. The existing R4.2 baseline WHFS “oper” crontab file:
/awips/hydroapps/whfs/local/bin/whfs_crontab

will be **automatically** renamed as:

/awips/hydroapps/whfs/local/bin/whfs_crontab.R42

NOTE: A. In AWIPS R4.3.1, two new baseline WHFS “oper” crontab files, “whfs_crontab_as2” and “whfs_crontab_ds1”, will be delivered to replace the original baseline WHFS “oper” crontab file. The purpose is to split the same WHFS “oper” cron jobs across two machines. There are NO content changes in the new baseline WHFS “oper” crontab files.

B. At RFCs, this new baseline WHFS “oper” crontab files should have NO EFFECT since they typically do not use this WHFS “oper” crontab file.

C. At WFOs, if the users have customized the R4.2 WHFS “oper” crontab, then they should manually edit these two new baseline files to reflect their customization.

2. The existing metar configuration file:
/awips/hydroapps/whfs/local/data/app/metar2shef/metar.cfg

will be **automatically** copied to

/awips/hydroapps/whfs/local/data/app/metar2shef/metar.cfg.R42

NOTE: A. In R4.3.1, a new baseline METAR-TO-SHEF Translator configuration file, “metar.cfg.trim”, is being delivered which will trim the types of METAR variables being translated into SHEF to speed the data ingest process.

B. At RFCs, this new trimmed configuration file was delivered as an alternate file and should have NO EFFECT on the system since their existing configuration file was not changed. The RFCs could examine the new trimmed file to see if they want to use it.

C. At WFOs, this new trimmed configuration file will be installed for use for AWIPS R4.3.1. If WFO users find that the new trimmed file is too restrictive, they can reconcile the new file with the old saved file tagged as R42.

1. Run the "installOHR4.3" script to install OH software: (Sample output and error information are shown in Appendix A, page A6-1.)

```
cd /cdrom
```

```
script -a /home/ncfuser/installOH43.out
```

```
./installOHR4.3
```

```
./stopscript
```

NOTE: This step will take from 5 to 10 minutes for a WFO site, and from 15 to 25 minutes for a RFC site.

2. After the script ends, review the script output file, "/home/ncfuser/installOH43.out", to ensure that no unexpected errors (such as "Text file busy", "fail", "error") were encountered during the installation.

If no errors occurred proceed to PART 7, otherwise contact the NCF.

PART 7: Release 4.3.1 Post Install

1. Run the post install script: (Sample output and error information are shown in Appendix A, page A7-1.)

```
cd /cdrom

script -a /home/ncfuser/postinstall43.out

./postinstallR4.3

./stopscript
```

NOTE: You may see some prompts for input from the user, ignore these messages. **The script will provide all needed input.**

NOTE: This step will take from 1.5 to 3 hours depending on the number of large text conversions required by the database (complete product conversion list: **F6K, F6T, GLF, LCD, MIM, PSH, SFT, SPF, STD**), and the number of workstations required for initializing the software inventory.

2. After the script ends, verify that the HDP decoder is running (**for WFO sites ONLY**):

```
ps -ef | grep dpafiles
```

If the following sample output is **NOT** shown,

```
oper 4376 1 0 Oct 3 ? 6:14 /awips/hydroapps/whfs/standard/bin/process_dpafiles /awips/h
```

please use the following command to manually re-start it:

```
/sbin/init.d/hdpdecode start
```

NOTE: **For RFCs**, the HDP decoder used at RFCs may be different from site to site. The RFC site should verify that their “**site-specific**” HDP decoder(s) is running. If the site-specific HDP decoder(s) is not running, please manually re-start it.

3. Work around for DR #5269, LDAD suaReceiver logs not breaking:
 - A. The LDAD cronjob on the LS does not break the “suaReceiver” logs. The problem is that the suaReceiver will continue to write to the same log directory (based on the date it was started) and will eventually not have a log to write to when the directory is purged. The

work around is to add the following two lines to the “/ldad/bin/breakLogLDAD.ls” file on the LS:

```
kill -USR1 'UNIX95=XPG4 ps -o pid="" -C suaReceiver' >/dev/null 2>&1  
sleep 1
```

B. To do this, please use the following instructions:

```
rlogin ls1
```

```
cd /ldad/bin
```

```
vi breakLogLDAD.ls
```

- (1) You will see several pairs of “kill” and “sleep 1” command lines.
- (2) Move the cursor to the beginning of line right after the last “sleep 1” entry.
- (3) Insert the two command lines specified in “A” above.
- (4) Save the changes and quit the vi editor.

```
exit
```

(return to the DS1)

4. **At this point, the system is fully operational (including OH and LDAD functions).** Sites can start the Netscape System Monitoring Window to verify the following processes to ensure the system is fully operational:

Data server ingest processes,
Application server ingest processes,
LDAD processes, and
AWIPS data status

NOTE: The Netscape Window may take 10 minutes or more to get updated. If after a reasonable time you see a problem, call the NCF.

NOTE: The sites can remove all files and subdirectories (except the site-developed files) from the “/awips/dev” directory on the DS1 (which is a NFS mount directory). The freed-up disk space in “/awips/dev” can be used to support local development.

5. Review the script output file, “/home/ncfuser/postinstall43.out”, to ensure that no unexpected errors (such as “Text file busy”, “fail”, “error”) were encountered during the installation.

If no errors occurred proceed to Part 8, otherwise contact the NCF.

PART 8: Release 4.3.1 After-Install Setup Procedures

The following Installation Setup Procedures **MUST** all be completed as part of the R4.3.1 upgrade.

NOTE: All these steps are run as “root” unless noted otherwise.

1. Create Radar Mosaics:

NOTE: This is done at WFO and RFC sites

(Sample output and error information are shown in Appendix A, page A8-1.)

Please log out of all D2D sessions on Workstation 1 before proceeding!!!

```
cd /cdrom
export TMOUT=0
script -a /home/ncfuser/CreateRadarMosaics.out

./CreateRadarMosaics

./stopscript
```

NOTE: You will be prompted.... if you want to create the mosaics, enter “**y**” to continue or enter “**n**” to exit.

If you answered **y**, the creating process begins. **You can use the system, but You can NOT use Workstation 1 until this script finishes.**

The script will first create radar mosaics on Workstation 1 (WS1) based on the radars defined in “radarsOnMenu.txt”. It can take 10 minutes or more per radar. Results will then be pushed out from Workstation 1 to other Workstations via the DS1.

If you answered “**n**”, the creating process will exit. You can complete them at a convenience time. Please note that although the radar mosaics are not created at installation, the system will create the associated radar mosaics on the fly for the radar products when they are requested at the first time after the installation. The system will save the created radar mosaics for the later uses without creating them again. The estimated creation time is 30 to 40 seconds per radar product.

However, this may slow you down in a major weather event in which many radar products are being used.

NOTE: If you type “y”, this step could take from 1 to 2 hours or more depending on the number of radars in use. So run the script and proceed with any other post-install steps.

2. Review the “HWR NWR Products” and “Climate Products” Setup.

NOTE: This is done at WFO sites, only

Verify that: (1) their new 4.3.1 version of setup features are in place, and (2) the old climate products have been successfully recognized by 4.3.1 version of software. To accomplish these, do the following:

- A. For “HWR NWR” products, use the following verification procedures:
- (1) On a Text Workstation, click the left mouse button to a blank screen area to get the “*Root Menu*” window,
 - (2) Select “Background WFO Apps” to get “*Background WFO Applications*” menu,
 - (3) Select “Hourly Weather Roundup” to get “*Hourly Weather Roundup*” menu ,
 - (4) Select “HWR NWR Setup” to get “Hourly Weather Roundup Editor” window,
 - (5) On the right column, verify that a new “dew point” setup is available and is set to “-150” initially. This is a new 4.3.1 setup feature. Sites can change it to whatever threshold they desire.
 - (6) Close and exit these windows.
- B. For “Climate” products, use the following verification procedures:
- (1) On a Text Workstation, click the left mouse button to a blank screen area to get the “*Root Menu*” window,
 - (2) Select “Background WFO Apps” to get “*Background WFO Applications*” menu,
 - (3) Select “Climate Reports” to get “*Climate Master*” menu (this takes a few seconds to occur),
 - (4) Select “Set Up/Edit Climate Products” and click OK button to get “*Report Format*” window (this takes a few seconds).
Perform step (5), (6), and (7) to verify that old products have been recognized by

new software:

- (5) On the upper right corner, verify that the “Select Stations for Product” column is not blank, and contains some valid Station IDs such as KPIT, KWBC, etc.
- (6) Select a valid Station ID, and click the “*Edit Reporting Periods*” button.
- (7) In “Reporting Periods” window, verify that all the SNOW, HDD (Heating Degrees Data), and CDD (Cool Degrees Data) fields have valid Start/End setup for old products. Next, click the “*cancel*” or “*ok*” button, as appropriate.
- (8) If you want to use the system to create “**Intermediate Climate**” products, you should set those up at this time as follows:
 - A. Under “Select Stations for Product” column, select a station.
 - B. Under “Report Type” column, select “*Daily Intermediate*”
 - C. Under “Report Configuration” column, fill in Product ID, LAC (listening area code) etc.
 - D. Under “Weather Elements” choose appropriate elements.
 - E. From the menu bar, click “File” ...then ”Save products” to save your setup.

3. Merge/Update of Internal LDAD Files:

NOTE: Done at both WFO and RFCs.

After completing the R4.3.1 install, the site may need to merge/update the following internal LDAD files:

- A. On the DS1, merge the “/awips/fxa/ldad/data/LDADinfo.txt” file:
 - (1) Open two telnet windows
 - (2) On both windows, login to the DS1 as “root”:
`rlogin ds1 -l root`
 - (3) On both windows, become the ldad user:
`su - ldad`

- (4) On one window, open the R4.2 version of LDADinfo.txt file:
`vi /data/fixa/LDAD_TEMP42/data/LDADinfo.txt`
 - (5) On the other window, open the new R4.3.1 version of LDADinfo.txt file:
`vi /awips/fixa/ldad/data/LDADinfo.txt`
 - (6) Compare the R4.2 LDADinfo.txt to the R4.3.1 LDADinfo.txt files. Take any lines that you have added or modified in the “R4.2 LDADinfo.txt” file (e.g., those changes you made since the R4.2 upgrade) and put them in the new R4.3.1 LDADinfo.txt file. In addition, at the end of each added or modified line, note and document any “new” pre-processor listed. (Note: If this preprocessor was already listed in the R4.3.1 file, you do not need to document it.) You will need this “new” preprocessor information to restore the required pre-processors in Step B, below.
 - (7) Save the new R4.3.1 LDADinfo.txt file, and close both telnet windows.
- B. On the DS1 (then DS2), restore all the pre-processors that are needed for the new/modified lines added to the new R4.3.1 LDADinfo.txt as discussed above:**
- (1) Open a telnet window, login to the DS1 as “root”:
`rlogin ds1 -l root`
 - (2) Become the ldad user:
`su - ldad`
 - (3) By looking at the last column of the newly merged LDADinfo.txt file, identify all the pre-processors that need to be restored. Next, restore them on both DS1 and DS2 (one preprocessor at a time) by entering the following (where <preprocessor> is an identified preprocessor name):

`cd /awips/fixa/ldad/bin`

`cp /data/fixa/LDAD_TEMP42/bin/<preprocessor> .`

`chmod 755 /awips/fixa/ldad/bin/<preprocessor>`

`rcp -p <preprocessor> ds2:/awips/fixa/ldad/bin`
 - (4) After all the identified pre-processors are restored, close the telnet window.

- C. The R4.2 and R4.3.1 versions of the following files need to be compared for changes. The R4.2 differences found in these files **on DS1** need to be merged with the R4.3.1 version of the files **...if the file previously** existed in R4.2 and was modified since your R4.2 upgrade. Use the “diff” command to ensure you don’t miss any changes.

```
ds1:/awips/fxa/ldad/data/LdadPatterns.txt
ds1:/awips/fxa/ldad/data/ShefEncoder_PE.tbl
ds1:/awips/fxa/ldad/data/ShefEncoder_PE2Prod.tbl
ds1:/awips/fxa/ldad/data/ShefEncoder_Units.tbl
```

Please edit the new R4.3.1 baseline file and merge the modified changes by using the associated R4.2 files that were previously saved in the “/data/fxa/LDAD_TEMP42/data” directory (see the save and restore information on page 2-1).

After you are done editing, from the NETSCAPE Monitor screen, stop then restart the internal LDAD processes. To do this:

1. From the LDAD Monitor Window, click “**Internal Processes and System**”.
2. Click the “**Admin**” button
3. Under Stop Processes, Click the “**All LDAD Processes**” button.
4. Under Start Processes, Click the “**All LDAD Processes**” button

To ensure that your mesonet screens are displayed, run the “relocalizedForLDAD.sh script. To do this go to a telnet window and type:

1. **rlogin ds1**
2. **su - fxa**
3. **cd /awips/fxa/ldad/bin**
4. **relocalizedForLDAD.sh**

4. Merge of WarnGen “preWWA(B)” Files:

NOTE: This is done at WFO sites only.

- A. Once the installation is complete, it is important to create “override” files in the “/data/fxa/customFiles” directory to mimic the default functionality for each product that you wish to modify.

For example, suppose that you expect to modify your Severe Thunderstorm Warning template (wwa_svr.preWWA”). To get set up for that, **log in one workstation as fxa user** (if the “CreateRadarMosaics” script is currently running, please do not use workstation 1), and type the following commands: (where <workstation> is the selected

workstation e.g. ws2, ws3; and LLL is your siteID in capital e.g. LWX, EAX)

```
rlogin <workstation> -l root
su - fxa
cd /data/fxa/nationalData
cp wwa_svr.preWWA /data/fxa/customFiles/LLL-wwa_svr.preWWA
```

NOTE: The default pre-template for this product is now wwa_svr.preWWA, not wwa_svr.preWWAB. One change in “WarnGen” for the R4.3.1 build is that it will no longer support the option of templates in the old SRWARN format, so the system will no longer make use of “wwa*.preWWAB” files. All WarnGen pre-templates will be “wwa*.preWWA” files.

- B. Once you have done “Part A” above for each product you expect to modify, rerun the “-wwa” task by typing following commands:

```
cd /awips/fxa/data/localization/scripts
./mainScript.csh -wwa
```

This task will make sure things go smoothly with the override files in place. You should notice a major improvement in the amount of time that “-wwa” task takes to run. Next, you should generate a few products with the new default templates to find out if you need to modify any of them. To edit a template, see “Part C” below.

It should be noted that with the new templates, you should notice improved default wording for a single storm versus a line of storms and an improved pathcast.

- C. Once you know what changes to make to each product template:
1. Edit the appropriate *.wwaProd files in the “/awips/fxa/data/localizationDataSets/LLL”. Refer to the old modified templates you saved in either the “/data/fxa/nationalData” or “/data/fxa/customFiles” directory prior to your R4.3.1 install (**see Step 7 of Pre-installation Requirements on page 3**) for the syntax of the desired changes.
 2. After the template changes have been made, verify/test those changes in WarnGen without restarting WarnGen or rerunning a localization. To do this, click on a different WarnGen product type then click back to the product type just edited. If you don’t like what you see, repeat the editing and verifying process.
 3. Once you have finalized the modifications, fold them into the appropriate “/data/fxa/customFiles/LLL-wwa_*.preWWA” files,

Ensure steps 1-3 are performed for each product template you wish to change.

4. When you done, rerun the following to incorporate the new changes:

```
cd /awips/fxa/data/localization/scripts  
./mainscript.csh -wwa
```

5. After localization completes, stop D2D (if it is running) and restart it.
6. Next, bring up WarnGen and verify that all of your changes were incorporated.

D. Log out of the workstation as fxa.

E. On each of the other workstations, **as fxa**, do the following:

```
rlogin <workstation> -l root  
su - fxa  
cd /awips/fxa/data/localization/scripts  
./mainscript.csh -wwa
```

After localization completes, stop D2D (if it is running) and restart it.

NOTE: We have attempted to preserve backward compatibility, but it is not guaranteed. At a minimum, if you copy old 4.2 templates directly into your 4.3.1 system, you will lose many of the improvements for 4.3.1. It is also possible that certain things will not work the way you expect. Thus it is highly recommended that you fold your changes into the default system.

NOTE: Do **NOT** use the UNIX “chmod” command to change the access mode of files in the “/awips/fxa/data/localizationDataSets/LLL” directory in order to preserve manual changes.

There have already been incidents in which this has caused major problems distributing new shape files. If you need changes to the parts of states entries, the proper course of action is to get this information back to Ira Graffman at APO (301-713-1240) and he will put this information into the county shape file. Installing that new shape file and then rerunning the “-wwa” localization task will incorporate this information in the correct manner. When running the “-wwa” localization task with new shape files, it will not run as quickly as when one just changes pre-template files.

5. Disable Ping to LDAD Firewall and SMTP on the LDAD Firewall

NOTE: This is done at WFO and RFC sites.

NOTE: This procedure should probably be done by the ESA.

You will disable NCF's ability to ping the LDAD firewall and disable SMTP on the firewall. If your site has an issue with disabling SMTP, be sure to discuss this with you AWIPS regional focal point and if they concur skip (part 0, step 9).

Disabling the NCF's ability to ping the LDAD firewall begins at A

- A. Change the **xyplex system console** Terminal Mode from HP to EM100. To do this, do the following:

Press <User System> key
Press <F8> "config keys"
Press <F5> "terminal configuration"
Press <tab> until the "TermMode" is highlighted
Press <F2> until the TermMode is set to EM100
Press <F1> to save the settings

From the **xyplex System Console** go to the "AWIPS Main Menu", connect to the firewall and login as root by doing the following:

Enter "q"
Press <Enter> key
Enter "**Connect xyplex1:5800**" (i.e. xyplex<one>:5800)
Press <Enter> key
Login as root
Enter the password

- B. Save the existing configuration file by typing:

```
cd /usr/local/etc
```

```
cp netperm-table netperm-table.R423
```

- C. Edit firewall configuration file using the vi editor:

```
vi /usr/local/etc/netperm-table
```

D. Comment out the “**authenIP**” line with a “**#**” as shown below:

```
> # ADDED LINE FOR ITOPS
> # authenIP: permit-forward -if * -proto ICMP:ECHO|ECHOREPLY -srcaddr
    0.0.0.0:0.0.0.0 -srcport * -dstaddr 0.0.0.0:0.0.0.0 -dstport *
```

NOTE: The "authenIPdstport *" entry is a single line

E. Save edits and exit vi editor.

F. Confirm that the configuration file edits in step D are correct as follows:

```
grep ECHOREPLY /usr/local/etc/netperm-table
```

Results should show:

```
# authenIP: permit-forward -if .....
```

NOTE: Steps G-L are needed to disable the SMTP on the Firewall

G. To disable the SMTP on the firewall you need to perform the following steps. At the prompt, enter

```
gauntlet-admin
```

This will start the gauntlet admin tool.

H. Use the <down arrow> to get to “Basic System Configuration” and press <enter>.

I. Use <down arrow> to get to the “Proxy Configuration” menu and press <enter>.

J. **Tab** to “Electronic Mail” and press <down arrow> so the line shows “Electronic Mail: off”

K. **Tab** to “next page.” Next, use <down arrow> to "Return to Previous Menu" and press <enter>

L. **Tab** to "Return to Previous Menu" and press <enter>

M. **Tab** to "Update Configuration Menus" and press <enter>

N. With "Quit and Update Configuration Database" highlighted press <enter>

- O. Answer 'y' to "Rebuild system configuration files?"
After about a minute "press enter to resume".

- P. Once you get back to a prompt, enter the following:

/etc/scripts/updt_table

Note: This allows remsh which is needed for LDAD.

- Q. Reboot firewall by typing:

reboot

- R. Restore the **xyplex System Console** terminal back to normal by doing the following:

Press <Break> key Note: This gives the "xyplex>" prompt

Enter "**disconnect all**"

Enter "**logout**"

After a few seconds, press <Enter> key and then enter a user name.

Enter "t" to return to the root "AWIPS Main Menu"

- S. Change the **xyplex System Console** Terminal Mode from EM100 to HP by doing the following:

Press <User System> key

Press <F8> "config keys"

Press <F5> "terminal config"

Press <tab> until the "TermMode" is highlighted

Press <F2> until the TermMode is set to HP

Press <F1> to save the settings

6. Now that the R4.3.1 installation and upgrade are done.

NOTE: Done at both WFO and RFCs.

IMPORTANT NOTE: After the R4.3.1 install is completed, updated versions of files 1, 7, 18, and 20 from **Part 0, page 5**, should be reloaded and replaced on your system. The R4.3.1 CD version of these files have been updated and are found on the NOAA1 server. Instructions on how to obtain these files and perform the appropriate localization and pushing commands will be made available via the SST through your Regional Focal Points. The note will be entitled "R4.3.1 National Data Files Update" dated April 24, 2000.

Un-mount the "FOA, PRC, LAPS, OH" CD:

```
cd /  
fuser -k /cdrom  
umount /cdrom
```

Remove the current “FOA, PRC, LAPS, OH” CD from the CD-ROM drive on the DS1.

APPENDIX A - Sample Output

NOTE: This is sample output from the Install.

This Appendix contains the sample script outputs of *AWIPS Release 4.3.1 Software Installation*. We recommend that you use Appendix A as a reference, while doing the installation. It contains both the error information and script log output for the important scripts that you will run during the install. The output given is from a successfully completed WFO install. In the various parts of the installation, as an important script is run, page numbers referencing the appropriate script output in Appendix A are given. Use these to watch for errors as your scripts run.

1.0 PART 1: System Preparation Script Output:

1.1 Error Information:

You should not see any error message from the "prepare43.out" script output.

Please do **NOT** use <CTL-C> from ANY of the steps during the installation.

If you encounter any unexpected errors, please **call the NCF immediately BEFORE taking any action and DO NOT PROCEED**.

1.2 Sample Script Output "prepare43.out":

```
Script started on Wed Mar 8 14:00:47 2000
ds1-tbdw:root:365# ./prepareR4.3
```

```
Removing Release 4.2.2 install directory...
Removing the Release 4.2.2 Install Partition...
Logical volume "/dev/vg02/TEMPR42" has been successfully removed.
```

```
Volume Group configuration for /dev/vg02 has been saved in /etc/lvmconf/vg02.conf
Copying /etc/lvmmpvg file over to ds2...
```

```
Cleaning up vg02 on ds1 and ds2...
Volume group "/dev/vg02" is still active.
Physical volume "/dev/dsk/c0t13d0" has been successfully deleted from
physical volume group "PVG0".
Physical volume "/dev/dsk/c0t14d0" has been successfully deleted from
physical volume group "PVG0".
Physical volume "/dev/dsk/c0t15d0" has been successfully deleted from
physical volume group "PVG0".
Physical volume "/dev/dsk/c2t13d0" has been successfully deleted from
```

physical volume group "PVG1".
Physical volume "/dev/dsk/c2t14d0" has been successfully deleted from
physical volume group "PVG1".
Physical volume "/dev/dsk/c2t15d0" has been successfully deleted from
physical volume group "PVG1".

Beginning the import process on Volume Group "/dev/vg02".
Logical volume "/dev/vg02/lvol1" has been successfully created
with lv number 1.
Logical volume "/dev/vg02/lvol2" has been successfully created
with lv number 2.
Logical volume "/dev/vg02/lvol3" has been successfully created
with lv number 3.
Logical volume "/dev/vg02/lvol4" has been successfully created
with lv number 4.
Logical volume "/dev/vg02/lvol5" has been successfully created
with lv number 5.
Logical volume "/dev/vg02/lvol6" has been successfully created
with lv number 6.
Logical volume "/dev/vg02/lvol7" has been successfully created
with lv number 7.
Logical volume "/dev/vg02/lvol8" has been successfully created
with lv number 8.
Logical volume "/dev/vg02/lvol9" has been successfully created
with lv number 9.
Logical volume "/dev/vg02/lvol10" has been successfully created
with lv number 10.
Logical volume "/dev/vg02/lvol11" has been successfully created
with lv number 11.
Logical volume "/dev/vg02/lvol12" has been successfully created
with lv number 12.
Volume group "/dev/vg02" has been successfully created.
Done exporting vg02...
Copying /etc/lvm/pvg file over to ds2...
Done with Prepare 4.3...

ds1-tbdw:root:366# **./stopscript**

Script done, file is -a /home/ncfuser/prepare43.out

2.0 PART 2: Install LDAD Script Output:

2.1 Error Information:

The following error messages can be **IGNORED**:

1. /awips/fxa/ldad/data: No such file or directory
2. /awips/fxa/ldad/data: Not owner
3. cp: cannot access /data/ldad/public/sysop.address: No such file or directory

Please do **NOT** use <CTL-C> from ANY of the steps during the installation.

If you encounter any unexpected errors, please **call the NCF immediately BEFORE taking any action and DO NOT PROCEED.**

2.2 Sample Script Output “installLDAD43.out”:

Script started on Wed Mar 8 14:07:59 2000
ds1-tbdw:root:364# *./installLDAD43*

Wed Mar 8 14:08:18 GMT 2000 : **INSTALLING 4.3 LDAD**

Running internal LDAD install

Wed Mar 8 14:08:18 GMT 2000 : **INSTALLING LDAD ON DS1 (INTERNAL LDAD)**

Sourcing environment variables.

Stopping LDAD software

on ds1

on as1

on as2

NOT Removing old ldad files

Saving off all /awips/fxa/ldad/bin to /data/fxa/LDAD_TEMP42/bin

Saving off all /awips/fxa/ldad/data files to /data/fxa/LDAD_TEMP42/data

Saving off all as1:/awips/fxa/htdocs/ldadMon/conf files to /data/fxa/LDAD_TEMP42/conf

Creating /awips/fxa/ldad and the data directory

Untarring LDAD internal files

Installing sfcng.exe for MSAS on as1

Installing sfcng.exe for MSAS on as2

Enabling MSAS software.

making sure /awips/fxa/ldad has 777 permissions and is owned by ldad.

Recreating ldad log directories on ds1.

Removing ldad log directories
Creating ldad log directories
Modifying LDAD monitor configuration files
Check if site is a national center

Push out ldad to all machines : (ds2 as1 as2 ws1 ws2 ws3 ws4 ws5)

Removing ldad on ds2
Pushing ldad to ds2
Creating /data/logs/ldad
Removing ldad on as1
Pushing ldad to as1
Creating /data/logs/ldad
Removing ldad on as2
Pushing ldad to as2
Creating /data/logs/ldad
Removing ldad on ws1
Pushing ldad to ws1
Creating /data/logs/ldad
Removing ldad on ws2
Pushing ldad to ws2
Creating /data/logs/ldad
Removing ldad on ws3
Pushing ldad to ws3
Creating /data/logs/ldad
Removing ldad on ws4
Pushing ldad to ws4
Creating /data/logs/ldad
Removing ldad on ws5
Pushing ldad to ws5
Creating /data/logs/ldad

Create links for logs and ldad

/awips/fxa/ldad/data: No such file or directory

(IGNORE)

/awips/fxa/ldad/data: Not owner

(IGNORE)

NOT Re-installing MSAS on as1 for 4.3

(IGNORE)

/awips/fxa/ldad/data: Not owner

(IGNORE)

NOT Re-installing MSAS on as2 for 4.3

(IGNORE)

/awips/fxa/ldad/data: Not owner

(IGNORE)

/awips/fxa/ldad/data: Not owner

(IGNORE)

/awips/fxa/ldad/data: Not owner

(IGNORE)

Put LDAD monitor software on all as machines: (as1 as2)

Restoring permissions on ldadMon.

Placing custom Perl libraries Sift*.pm and Sift*.html into /usr/local/perl5/lib/site_perl

- on ds1
- on ds2
- on as1
- on as2
- on ws1
- on ws2
- on ws3
- on ws4
- on ws5

Install scour onto the LDAD machine...

Installing ldad crontab

Converting xmain LDAD database data (users, gauges, and gwstatus) to flatfiles.

Converting xmain database user and gage information to flatfiles.

Database selected.

886 row(s) unloaded.

19 row(s) unloaded.

1 row(s) unloaded.

Database closed.

Restoring some LDAD 4.2 files.

- ALERTStation.txt Restored from 4.2
- CDOTStation.txt Restored from 4.2
- IFLOWSSStation.txt Restored from 4.2
- LARCStation.txt Restored from 4.2
- MESONETStation.txt Restored from 4.2
- RAWSSStation.txt Restored from 4.2
- ROSASStation.txt Restored from 4.2
- SCHLNETStation.txt Restored from 4.2
- testALERTStation.txt Restored from 4.2
- testIFLOWSSStation.txt Restored from 4.2
- testLARCStation.txt Restored from 4.2
- testMESONETStation.txt Restored from 4.2
- LARC.desc Restored from 4.2
- RAWS.desc Restored from 4.2

ROSA.desc Restored from 4.2
SCHLNET.desc Restored from 4.2
alert_r5.desc Restored from 4.2
alert_wl.desc Restored from 4.2
alert_wx.desc Restored from 4.2
cdot.desc Restored from 4.2
iflow_ky.desc Restored from 4.2
iflow_s.desc Restored from 4.2
mesonet.desc Restored from 4.2
raindata.desc Restored from 4.2
rosa.desc Restored from 4.2
shef.desc Restored from 4.2
stream.desc Restored from 4.2
testALERT.desc Restored from 4.2
testIPRCP.desc Restored from 4.2
testISTRM.desc Restored from 4.2
testLARC_01.desc Restored from 4.2
testLARC_12.desc Restored from 4.2
testMESONET.desc Restored from 4.2
HANDAR_coll_sess_1 Restored from 4.2
HANDAR_coll_sess_12 Restored from 4.2
HANDAR_coll_sess_2 Restored from 4.2
HANDAR_coll_sess_21 Restored from 4.2
K95_coll_Z_sess Restored from 4.2
K95_send_X_sess Restored from 4.2
K95_send_Z_sess Restored from 4.2
K95cZ_coll_sess Restored from 4.2
K95sX_dissem_sess Restored from 4.2
K95sZ_dissem_sess Restored from 4.2
create_new_sess.help Restored from 4.2
create_sess_file.help Restored from 4.2
gwtest_2_coll_sess Restored from 4.2
gwtest_dissem_sess Restored from 4.2
modify_gage_sess.help Restored from 4.2
modify_other_sess.help Restored from 4.2
new_gage_sess.help Restored from 4.2
new_other_sess.help Restored from 4.2

Baseline files that were replaced will be saved as <filename>.43bsln

Wed Mar 8 14:14:35 GMT 2000 : **INTERNAL LDAD INSTALL COMPLETE**

Pushing external LDAD software to ls1

(EXTERNAL LDAD)

Pushing installscripts and files to the LDAD server staging area (/data/ldad/staging43).

Running externalLDAD.install by remsh

Mon Nov 8 13:49:28 GMT 1999 : **BEGINNING EXTERNAL LDAD INSTALL**

Saving 4.2 LDAD to a tar file /data/ldad/LDAD42-110899.tar see /home/ncfuser/ldadtar.out

Saving sysop.address.

Saving sysop.address.

cp: cannot access /data/ldad/public/sysop.address: No such file or directory **(IGNORE)**

Saving tmenu.mb.

Saving /ldad/.environs.

Saving ldd.conf

Saving lda.conf

Saving siteId.txt

Saving ROSAsiteInfo.txt

Saving /ldad/data/*Station.txt and *.config files

Killing all ldad processes

Untarring ldad external files

Fix external ldad .rhosts

Recreate external directories

/data/logs/ldad exists

Running mkdir_external.csh

Making sure that ldadmon conf files have the correct site id

Fix permissions and ownership

Install new ldad crontab

42 ldad crontab saved as /data/ldad/BACKUP42/ldad42.crontab

Modify root crontab

Restarting crons

cron stopped

cron started

Restoring sysop.address.

Restoring tmenu.mb.

Restoring /ldad/.environs.

Restoring ldd.conf

Restoring lda.conf

Restoring siteId.txt

Restoring ROSAsiteInfo.txt

Restoring /ldad/data/*Station.txt and *.config files

installLDAD43.out

A2-5

PART 2 Script Output (3/8/00)

ALERTStation.txt restored
CDOTStation.txt restored
IFLOWSSStation.txt restored
LARCStation.txt restored
LdadController.config restored
MESONETStation.txt restored
RAWSSStation.txt restored
ROSASStation.txt restored
SCHLNETStation.txt restored
asosMart.config restored
dtmf.config restored
rosamodem.config restored
testALERTStation.txt restored
testIFLOWSSStation.txt restored
testLARCStation.txt restored
testMESONETStation.txt restored

Expanding /usr/local to 500mb for future additions

umounting /usr/local
/usr/local:

Running lvextend . . .
Logical volume "/dev/vg00/lvol7" has been successfully extended.
Volume Group configuration for /dev/vg00 has been saved in /etc/lvmconf/vg00.conf
Running extendfs /dev/vg00/lvol7
Remounting /usr/local
/usr/local has been expanded
Running bdf of /usr/local
Filesystem kbytes used avail %used Mounted on
/dev/vg00/lvol7 512000 57895 425837 12% /usr/local

Making /var/tmp/null a link to /dev/null
lrwxrwxrwx 1 root sys 9 Mar 8 14:18 /var/tmp/null -> /dev/null

Wed Mar 8 14:18:18 GMT 2000 : **EXTERNAL LDAD INSTALL COMPLETE**

removing LDAD server staging area

Wed Mar 8 14:18:20 GMT 2000 : **4.3 LDAD INSTALL COMPLETE**

ds1-tbdw:root:365# *./stopscript*

Script done, file is -a /home/ncfuser/installLDAD43.out

3.0 PART 3: Pre-Install Script Output:

3.1 Error Information:

The following error messages can be **IGNORED**:

1. kill: 24996: The specified process does not exist.
2. Failure writing to text database.
3. /awips/fxa/bin/stopIngest.ds1[44]: kill: The number of parameters specified is not correct.
4. Can't locate SignalHandler.pm in @INC at /awips/ldad/bin/pollForData.pl line 24.
5. BEGIN failed--compilation aborted at /awips/ldad/bin/pollForData.pl line 24.
6. /sbin/init.d/hdpdecode[87]: **29842 Bus error(coredump)**
7. sh: kill: The number of parameters specified is not correct.

Please do **NOT** use <CTL-C> from ANY of the steps during the installation.

If you encounter any unexpected errors, please **call the NCF immediately BEFORE taking any action and DO NOT PROCEED.**

3.2 Sample Script Output “preinstall43.out”:

Script started on Wed Mar 8 14:41:45 2000
ds1-nmtw:root:357# *./preinstallR4.3*

Modifying NS-Fasttrack WebServer:

Stopping webserver on as1
Modifying /opt/ns-fasttrack/httpd-default/config/obj.conf on as1
Modifying /opt/ns-fasttrack/admserv/httpd-default/obj.conf on as1
Modifying /opt/ns-fasttrack/newconfig/etc/opt/ns-fasttrack/httpd-default/obj.conf on as1
Starting webserver on as1
Stopping webserver on as2
Modifying /opt/ns-fasttrack/httpd-default/config/obj.conf on as2
Modifying /opt/ns-fasttrack/admserv/httpd-default/obj.conf on as2
Modifying /opt/ns-fasttrack/newconfig/etc/opt/ns-fasttrack/httpd-default/obj.conf on as2
Starting webserver on as2
Stopping webserver on ls1
Modifying /opt/ns-fasttrack/httpd-default/config/obj.conf on ls1
Modifying /opt/ns-fasttrack/admserv/httpd-default/obj.conf on ls1
Modifying /opt/ns-fasttrack/newconfig/etc/opt/ns-fasttrack/httpd-default/obj.conf on ls1
Starting webserver on ls1
Done modifying NS-Fasttrack WebServer.

Shutting Down Measureware on ds1...

Shutting down Measureware collection software

Shutting down scopeux, pid(s) 875

The Measureware collector, scopeux has been shut down successfully.

NOTE: The Transaction Tracker daemon, ttd will be left running. pid 880

Shutting down the MeasureWare server daemons

Shutting down the perflbd process

Status messages will be displayed every 30 seconds

Waiting for perflbd to shut down (3 more times)

The perflbd process has terminated

The agdbserver process terminated

The rep_server processes have terminated

The MeasureWare Server has been shut down successfully

kill: 24996: The specified process does not exist.

(IGNORE)

Shutting Down Measureware on ds2...

Shutting down Measureware collection software

Shutting down scopeux, pid(s) 864

The Measureware collector, scopeux has been shut down successfully.

Shutting down the MeasureWare server daemons

Shutting down the alarmgen process. This may take awhile depending upon how many monitoring systems have to be notified that MeasureWare Server is shutting down.

Shutting down the perflbd process

Status messages will be displayed every 30 seconds

Waiting for perflbd to shut down (3 more times)

Waiting for perflbd to shut down (2 more times)

The perflbd process has terminated

The agdbserver process terminated

The rep_server processes have terminated

The MeasureWare Server has been shut down successfully

Shutting Down Measureware on as1...

Shutting down Measureware collection software

Shutting down scopeux, pid(s) 794

The Measureware collector, scopeux has been shut down successfully.

NOTE: The Transaction Tracker daemon, ttd will be left running. pid 799

Shutting down the MeasureWare server daemons

Shutting down the alarmgen process. This may take awhile depending upon how many monitoring systems have to be notified that MeasureWare Server is shutting down.

Shutting down the perflbd process

Status messages will be displayed every 30 seconds

Waiting for perflbd to shut down (3 more times)

Waiting for perflbd to shut down (2 more times)

The perflbd process has terminated

The agdbserver process terminated

The rep_server processes have terminated

The MeasureWare Server has been shut down successfully

Shutting Down Measureware on as2...

Shutting down Measureware collection software

Shutting down scopeux, pid(s) 787

The Measureware collector, scopeux has been shut down successfully.

NOTE: The Transaction Tracker daemon, ttd will be left running. pid 793

Shutting down the MeasureWare server daemons

Shutting down the alarmgen process. This may take awhile depending upon how many monitoring systems have to be notified that MeasureWare Server is shutting down.

Shutting down the perflbd process

Status messages will be displayed every 30 seconds

Waiting for perflbd to shut down (3 more times)

Waiting for perflbd to shut down (2 more times)

The perflbd process has terminated

The agdbserver process terminated

The rep_server processes have terminated

The MeasureWare Server has been shut down successfully

Disabling package switching on all nodes...

cmmodpkg : completed successfully on all packages specified.

Backing Up crontabs on ds1...

Backing Up crontabs on ds2...

Backing Up crontabs on as1...

Backing Up crontabs on as2...

Stopping the service guard packages...

Stopping as1swap...

cmhaltpkg : completed successfully on all packages specified.

Stopping as2swap...

cmhaltpkg : completed successfully on all packages specified.

Stopping ds1 processes...

Stopping text controllers system

Text Write Server

Failure writing to text database

(NO Impact to Install, continue!)

Text Read Server

Stopping data ingest system

Acquisition Server

Comms Routers

RadarServer

DialServer

Satellite Controller

Satdecoder

/awips/fxa/bin/stopIngest.ds1[44]: kill: The number of parameters specified is not correct.

(IGNORE)

GirbDecoder

MhsServer

MhsRequestServer

RMR_Server

hmMonitor Server

wwaServer

NWWSProduct

/awips/fxa/bin/stopIngest.ds1[79]: kill: The number of parameters specified is not correct.

(IGNORE)

caseArchiveServer

ldadServer

/awips/fxa/bin/stopIngest.ds1[90]: kill: The number of parameters specified is not correct.

(IGNORE)

/awips/fxa/bin/stopIngest.ds1[91]: kill: The number of parameters specified is not correct.

(IGNORE)

Done stopping ds processes.

syncComms is running, so kill syncComms

wfoApi is running, so kill wfoApi

syncComms is running, so kill syncComms

wfoApi is running, so kill wfoApi

syncComms is running, so kill syncComms

wfoApi is running, so kill wfoApi

dialRadar is not running

dialRadar is not running

dialRadar is not running

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You have mail.

logout

You have running jobs

/sbin/init.d/hdpdecode[87]: 29842 Bus error(coredump) (NO Impact to Install, continue!)

Stopping Message Request Server

msgQueueServer	PID	User ID	Group ID	Length	Status
msgreq_svr	4091	root	root	0	STOPPING
(nfe/11030)	4093				STOPPING
(worker)	4094				STOPPING
(worker)	4115				STOPPING

stopping Message Receive Server

msgQueueServer	PID	User ID	Group ID	Length	Status
msgrcv_svr	4097	root	root	0	STOPPING
(nfe/11040)	4099				STOPPING
(worker)	26294				STOPPING
(worker)	25631				STOPPING

Sending SIGTERM to x400rd

Sending SIGTERM to x400rd

Sending SIGTERM to x400sc

Sending SIGTERM to mdp_daemon

Sending SIGTERM to mhd_daemon

Sending SIGTERM to mtd_daemon

dwb_smon: No DWB servers are running!

(IGNORE)

dwb_smon: No DWB servers are running!

(IGNORE)

Can't locate SignalHandler.pm in @INC at /awips/ldad/bin/pollForData.pl line 24. **(IGNORE)**

BEGIN failed--compilation aborted at /awips/ldad/bin/pollForData.pl line 24. **(IGNORE)**

AUTO_START is

Stopping ingest Processes

Stopping LDAD ingest system

Note: Numerous "number of parameters" and "permission denied" (IGNORE)

messages for kill will be seen during execution of this script.

This is normal, since fxa-owned processes match the pattern given,
and multiple kills are used in some cases.

Here we go...

Comms Router

/awips/ldad/bin/stopLdadIngest[23]: kill: The number of parameters specified is not correct.

(IGNORE)

/awips/ldad/bin/stopLdadIngest[25]: kill: The number of parameters specified is not correct.

(IGNORE)

Data Controller

/awips/ldad/bin/stopLdadIngest[30]: kill: The number of parameters specified is not correct.

(IGNORE)

/awips/ldad/bin/stopLdadIngest[32]: kill: The number of parameters specified is not correct.

(IGNORE)

leftover decoders and SHEF encoder

/awips/ldad/bin/stopLdadIngest[37]: kill: The number of parameters specified is not correct.

(IGNORE)

/awips/ldad/bin/stopLdadIngest[39]: kill: The number of parameters specified is not correct.

(IGNORE)

SUCCESS

Killing SPCcheck on ws1-tbdw...

sh: kill: The number of parameters specified is not correct.

(IGNORE)

Killing ctrlCpu on ws1-tbdw...

Killing SPCcheck on ws2-tbdw...

sh: kill: The number of parameters specified is not correct.

(IGNORE)

Killing ctrlCpu on ws2-tbdw...

Killing SPCcheck on ws3-tbdw...

sh: kill: The number of parameters specified is not correct.

(IGNORE)

Killing ctrlCpu on ws3-tbdw...

Killing SPCcheck on ws4-tbdw...

sh: kill: The number of parameters specified is not correct.

(IGNORE)

Killing ctrlCpu on ws4-tbdw...

Killing SPCcheck on ws5-tbdw...

sh: kill: The number of parameters specified is not correct.

(IGNORE)

Killing ctrlCpu on ws5-tbdw...

Killing ingProcMon.pl on ds1...

kill: 512: The specified process does not exist.

(IGNORE)

Killing ctrlCpu on ds1...

kill: 515: The specified process does not exist.

(IGNORE)

Stopping the site Archive on ds1...

Not shutting down archive_svr since not at NCF

Shutting down the request message handler

Shutting down the archive_msgreq pid 4121
Sending SIGKILL to the archive_msgreq pid 4121
Shutting down the response message handler
Shutting down the archive_msgresp pid 4127
Sending SIGKILL to the archive_msgresp pid 4127

Killing mon_client on ds1...

kill: 533: The specified process does not exist.

(IGNORE)

Killing mon_client on ds2...

Disabling FXA cron on ds1...

Disabling OPER cron on ds1...

Disabling LDAD cron on ds1...

Disabling cron for IFPS on ds1...

Cleaning out notificationServerClientListState.txt on ds1...

Killing any remaining fxa processes on ds1...

kill: 848: The specified process does not exist.

(IGNORE)

kill: 849: The specified process does not exist.

(IGNORE)

Killing any leftover oper processes on ds1...

kill: 855: The specified process does not exist.

(IGNORE)

Killing any leftover ifps processes on ds1...

kill: 862: The specified process does not exist.

(IGNORE)

Cleaning up /home/ncfuser on ds1...

Removing unnecessary directories from /data/fxa...

NOTE: This may take a while....

Cleaning up /opt/netscape/*.old on as1...

Cleaning up /opt/netscape/*.old on as2...

Cleaning up /opt/netscape/*.old on ws1-tbdw...

Cleaning up /opt/netscape/*.old on ws2-tbdw...

Cleaning up /opt/netscape/*.old on ws3-tbdw...

Cleaning up /opt/netscape/*.old on ws4-tbdw...

Cleaning up /opt/netscape/*.old on ws5-tbdw...

Removing obsolete GUA files from ds1...

Removing obsolete GUA files from ds2...

Removing obsolete GUA files from as1...

Removing obsolete GUA files from as2...

Removing obsolete GUA files from ws1-tbdw...

Removing obsolete GUA files from ws2-tbdw...

Removing obsolete GUA files from ws3-tbdw...

Removing obsolete GUA files from ws4-tbdw...
Removing obsolete GUA files from ws5-tbdw...
Removing xmain from ds1...
Removing xmain from ds2...
Removing xmain from as1...
Removing xmain from as2...
Removing xmain from ws1-tbdw...
Removing xmain from ws2-tbdw...
Removing xmain from ws3-tbdw...
Removing xmain from ws4-tbdw...
Removing xmain from ws5-tbdw...
Cleaning out old executables from /awips/fxa/bin on ds1
Cleaning out old executables from /awips/fxa/bin on ds2
Cleaning out old executables from /awips/fxa/bin on as1
Cleaning out old executables from /awips/fxa/bin on as2
Cleaning out old executables from /awips/fxa/bin on ws1-tbdw
Cleaning out old executables from /awips/fxa/bin on ws2-tbdw
Cleaning out old executables from /awips/fxa/bin on ws3-tbdw
Cleaning out old executables from /awips/fxa/bin on ws4-tbdw
Cleaning out old executables from /awips/fxa/bin on ws5-tbdw
Cleaning up mail on ds1...
Cleaning up mail on ds2...
Cleaning up mail on as1...
Cleaning up mail on as2...
Cleaning up mail on ws1-tbdw...
Cleaning up mail on ws2-tbdw...
Cleaning up mail on ws3-tbdw...
Cleaning up mail on ws4-tbdw...
Cleaning up mail on ws5-tbdw...
Cleaning up old log files in /opt/informix on ds1...
Cleaning up trace logs in /awips/fxa/bin on ds1...
Cleaning up trace logs in /awips/fxa/bin on ds2...
Cleaning up /etc/hosts on ds1...
Syncing /awips/fxa/bin on DS2 from DS1...

Installing fbackup on ds1...

(Start of the UNIX System Patch Installations)

===== 11/08/99 14:13:40 GMT BEGIN swinstall SESSION
(non-interactive)

* Session started for user "root@ds1-tbdw".

* Beginning Selection

* Target connection succeeded for "ds1-tbdw:/".
 * "ds1-tbdw:/tmp/PHCO_18135.depot": This source is a tape device.
 * "ds1-tbdw:/tmp/PHCO_18135.depot": Cannot open the logfile on this target or source. Possibly the media is read-only or there is a permission problem. Check the daemon logfile and "/var/tmp/swagent.log" on this host for more information. **(IGNORE)**
 * Source: /tmp/PHCO_18135.depot
 * Targets: ds1-tbdw:/
 * Software selections:
 PHCO_18135.PHCO_18135,r=B.10.00.00.AA,a=HP-UX_B.10.20_700/800,v=HP
 * Selection succeeded.

* Beginning Analysis
 * Session selections have been saved in the file
 "/.sw/sessions/swinstall.last".
 * The analysis phase succeeded for "ds1-tbdw:/".
 * Analysis succeeded.

* Beginning Execution
 WARNING: "ds1-tbdw:/": 1 preinstall or preremove scripts had warnings. **(IGNORE)**
 * Execution succeeded.

NOTE: More information may be found in the agent logfile (location is ds1-tbdw:/var/adm/sw/swagent.log).

===== 11/08/99 14:14:26 GMT END swinstall SESSION (non-interactive)

Installing fbackup on ds2...

===== 11/08/99 14:14:31 GMT BEGIN swinstall SESSION
 (non-interactive)

* Session started for user "root@ds2-tbdw".
 * Beginning Selection
 * Target connection succeeded for "ds2-tbdw:/".
 * "ds2-tbdw:/tmp/PHCO_18135.depot": This source is a tape device.
 * "ds2-tbdw:/tmp/PHCO_18135.depot": Cannot open the logfile on this target or source. Possibly the media is read-only or there is a permission problem. Check the daemon logfile and "/var/tmp/swagent.log" on this host for more information. **(IGNORE)**

* Source: /tmp/PHCO_18135.depot
* Targets: ds2-tbdw:/
* Software selections:
PHCO_18135.PHCO_18135,r=B.10.00.00.AA,a=HP-UX_B.10.20_700/800,v=HP
* Selection succeeded.

* Beginning Analysis
* Session selections have been saved in the file
"/.sw/sessions/swinstall.last".
* The analysis phase succeeded for "ds2-tbdw:/".
* Analysis succeeded.

* Beginning Execution
WARNING: "ds2-tbdw:/": 1 preinstall or preremove scripts had warnings. (IGNORE)
* Execution succeeded.

NOTE: More information may be found in the agent logfile (location
is ds2-tbdw:/var/adm/sw/swagent.log).

===== 11/08/99 14:15:14 GMT END swinstall SESSION (non-interactive)

Installing fbackup on as1...

===== 11/08/99 14:15:19 GMT BEGIN swinstall SESSION
(non-interactive)

* Session started for user "root@as1-tbdw".

* Beginning Selection
* Target connection succeeded for "as1-tbdw:/".
* "as1-tbdw:/tmp/PHCO_18135.depot": This source is a tape
device.
* "as1-tbdw:/tmp/PHCO_18135.depot": Cannot open the logfile on (IGNORE)
this target or source. Possibly the media is read-only or
there is a permission problem. Check the daemon logfile and
"/var/tmp/swagent.log" on this host for more information.

* Source: /tmp/PHCO_18135.depot
* Targets: as1-tbdw:/
* Software selections:
PHCO_18135.PHCO_18135,r=B.10.00.00.AA,a=HP-UX_B.10.20_700/800,v=HP
* Selection succeeded.

- * Beginning Analysis
- * Session selections have been saved in the file
"/.sw/sessions/swinstall.last".
- * The analysis phase succeeded for "as1-tbdw:/".
- * Analysis succeeded.

- * Beginning Execution

WARNING: "as1-tbdw:/": 1 preinstall or preremove scripts had warnings. **(IGNORE)**

- * Execution succeeded.

NOTE: More information may be found in the agent logfile (location
is as1-tbdw:/var/adm/sw/swagent.log).

===== 11/08/99 14:16:06 GMT END swinstall SESSION (non-interactive)

Installing fbackup on as2...

===== 11/08/99 14:16:11 GMT BEGIN swinstall SESSION
(non-interactive)

- * Session started for user "root@as2-tbdw".

- * Beginning Selection

- * Target connection succeeded for "as2-tbdw:/".
- * "as2-tbdw:/tmp/PHCO_18135.depot": This source is a tape device.
- * "as2-tbdw:/tmp/PHCO_18135.depot": Cannot open the logfile on this target or source. Possibly the media is read-only or there is a permission problem. Check the daemon logfile and "/var/tmp/swagent.log" on this host for more information. **(IGNORE)**
- * Source: /tmp/PHCO_18135.depot
- * Targets: as2-tbdw:/
- * Software selections:
PHCO_18135.PHCO_18135,r=B.10.00.00.AA,a=HP-UX_B.10.20_700/800,v=HP
- * Selection succeeded.

- * Beginning Analysis
- * Session selections have been saved in the file
"/.sw/sessions/swinstall.last".
- * The analysis phase succeeded for "as2-tbdw:/".
- * Analysis succeeded.

* Beginning Execution
WARNING: "as2-tbdw:/": 1 preinstall or preremove scripts had warnings. **(IGNORE)**
* Execution succeeded.

NOTE: More information may be found in the agent logfile (location
is as2-tbdw:/var/adm/sw/swagent.log).

===== 11/08/99 14:16:58 GMT END swinstall SESSION (non-interactive)

Installing fbackup on ws1-tbdw...

===== 11/08/99 14:17:02 GMT BEGIN swinstall SESSION
(non-interactive)

* Session started for user "root@ws1-tbdw".

* Beginning Selection

* Target connection succeeded for "ws1-tbdw:/".

* "ws1-tbdw:/tmp/PHCO_18135.depot": This source is a tape
device.

* "ws1-tbdw:/tmp/PHCO_18135.depot": Cannot open the logfile on **(IGNORE)**
this target or source. Possibly the media is read-only or
there is a permission problem. Check the daemon logfile and
"/var/tmp/swagent.log" on this host for more information.

* Source: /tmp/PHCO_18135.depot

* Targets: ws1-tbdw:/

* Software selections:

PHCO_18135.PHCO_18135,r=B.10.00.00.AA,a=HP-UX_B.10.20_700/800,v=HP

* Selection succeeded.

* Beginning Analysis

* Session selections have been saved in the file
"/.sw/sessions/swinstall.last".

* The analysis phase succeeded for "ws1-tbdw:/".

* Analysis succeeded.

* Beginning Execution

WARNING: "ws1-tbdw:/": 1 preinstall or preremove scripts had warnings. **(IGNORE)**
* Execution succeeded.

NOTE: More information may be found in the agent logfile (location
is ws1-tbdw:/var/adm/sw/swagent.log).

===== 11/08/99 14:17:27 GMT END swinstall SESSION (non-interactive)

Installing fbackup on ws2-tbdw...

===== 11/08/99 14:17:31 GMT BEGIN swinstall SESSION
(non-interactive)

- * Session started for user "root@ws2-tbdw".
- * Beginning Selection
- * Target connection succeeded for "ws2-tbdw:/".
- * "ws2-tbdw:/tmp/PHCO_18135.depot": This source is a tape device.
- * "ws2-tbdw:/tmp/PHCO_18135.depot": Cannot open the logfile on this target or source. Possibly the media is read-only or there is a permission problem. Check the daemon logfile and "/var/tmp/swagent.log" on this host for more information. **(IGNORE)**
- * Source: /tmp/PHCO_18135.depot
- * Targets: ws2-tbdw:/
- * Software selections:
PHCO_18135.PHCO_18135,r=B.10.00.00.AA,a=HP-UX_B.10.20_700/800,v=HP
- * Selection succeeded.
- * Beginning Analysis
- * Session selections have been saved in the file
"/.sw/sessions/swinstall.last".
- * The analysis phase succeeded for "ws2-tbdw:/".
- * Analysis succeeded.
- * Beginning Execution
- * The execution phase succeeded for "ws2-tbdw:/".
- * Execution succeeded.

NOTE: More information may be found in the agent logfile (location is ws2-tbdw:/var/adm/sw/swagent.log).

===== 11/08/99 14:17:56 GMT END swinstall SESSION (non-interactive)

Installing fbackup on ws3-tbdw...

===== 11/08/99 14:18:00 GMT BEGIN swinstall SESSION
(non-interactive)

* Session started for user "root@ws3-tbdw".

* Beginning Selection

* Target connection succeeded for "ws3-tbdw:/".

* "ws3-tbdw:/tmp/PHCO_18135.depot": This source is a tape device.

* "ws3-tbdw:/tmp/PHCO_18135.depot": Cannot open the logfile on (IGNORE)
this target or source. Possibly the media is read-only or
there is a permission problem. Check the daemon logfile and
"/var/tmp/swagent.log" on this host for more information.

* Source: /tmp/PHCO_18135.depot

* Targets: ws3-tbdw:/

* Software selections:

PHCO_18135.PHCO_18135,r=B.10.00.00.AA,a=HP-UX_B.10.20_700/800,v=HP

* Selection succeeded.

* Beginning Analysis

* Session selections have been saved in the file
"/.sw/sessions/swinstall.last".

* The analysis phase succeeded for "ws3-tbdw:/".

* Analysis succeeded.

* Beginning Execution

WARNING: "ws3-tbdw/": 1 preinstall or preremove scripts had warnings. (IGNORE)

* Execution succeeded.

NOTE: More information may be found in the agent logfile (location
is ws3-tbdw:/var/adm/sw/swagent.log).

===== 11/08/99 14:18:32 GMT END swinstall SESSION (non-interactive)

Installing fbackup on ws4-tbdw...

===== 11/08/99 14:18:36 GMT BEGIN swinstall SESSION
(non-interactive)

* Session started for user "root@ws4-tbdw".

* Beginning Selection

* Target connection succeeded for "ws4-tbdw:/".

* "ws4-tbdw:/tmp/PHCO_18135.depot": This source is a tape device.

* "ws4-tbdw:/tmp/PHCO_18135.depot": Cannot open the logfile on (IGNORE)

this target or source. Possibly the media is read-only or there is a permission problem. Check the daemon logfile and "/var/tmp/swagent.log" on this host for more information.

* Source: /tmp/PHCO_18135.depot

* Targets: ws4-tbdw:/

* Software selections:

PHCO_18135.PHCO_18135,r=B.10.00.00.AA,a=HP-UX_B.10.20_700/800,v=HP

* Selection succeeded.

* Beginning Analysis

* Session selections have been saved in the file

"/.sw/sessions/swinstall.last".

* The analysis phase succeeded for "ws4-tbdw:/".

* Analysis succeeded.

* Beginning Execution

WARNING: "ws4-tbdw/": 1 preinstall or preremove scripts had warnings. (IGNORE)

* Execution succeeded.

NOTE: More information may be found in the agent logfile (location is ws4-tbdw:/var/adm/sw/swagent.log).

===== 11/08/99 14:19:08 GMT END swinstall SESSION (non-interactive)

Installing fbackup on ws5-tbdw...

===== 11/08/99 14:19:12 GMT BEGIN swinstall SESSION
(non-interactive)

* Session started for user "root@ws5-tbdw".

* Beginning Selection

* Target connection succeeded for "ws5-tbdw/".

* "ws5-tbdw:/tmp/PHCO_18135.depot": This source is a tape device.

* "ws5-tbdw:/tmp/PHCO_18135.depot": Cannot open the logfile on this target or source. Possibly the media is read-only or there is a permission problem. Check the daemon logfile and "/var/tmp/swagent.log" on this host for more information. (IGNORE)

* Source: /tmp/PHCO_18135.depot

* Targets: ws5-tbdw:/

* Software selections:

PHCO_18135.PHCO_18135,r=B.10.00.00.AA,a=HP-UX_B.10.20_700/800,v=HP
* Selection succeeded.

* Beginning Analysis
* Session selections have been saved in the file
"/.sw/sessions/swinstall.last".
* The analysis phase succeeded for "ws5-tbdw:/".
* Analysis succeeded.

* Beginning Execution
* The execution phase succeeded for "ws5-tbdw:/".
* Execution succeeded.

NOTE: More information may be found in the agent logfile (location
is ws5-tbdw:/var/adm/sw/swagent.log).

===== 11/08/99 14:19:28 GMT END swinstall SESSION (non-interactive)

Installing fbackup on ls1...

===== 11/08/99 14:19:33 GMT BEGIN swinstall SESSION
(non-interactive)

* Session started for user "root@ls1-tbdw".

* Beginning Selection
* Target connection succeeded for "ls1-tbdw:/".
* "ls1-tbdw:/tmp/PHCO_18135.depot": This source is a tape
device.
* "ls1-tbdw:/tmp/PHCO_18135.depot": Cannot open the logfile on **(IGNORE)**
this target or source. Possibly the media is read-only or
there is a permission problem. Check the daemon logfile and
"/var/tmp/swagent.log" on this host for more information.
* Source: /tmp/PHCO_18135.depot
* Targets: ls1-tbdw:/
* Software selections:
PHCO_18135.PHCO_18135,r=B.10.00.00.AA,a=HP-UX_B.10.20_700/800,v=HP
* Selection succeeded.

* Beginning Analysis
* Session selections have been saved in the file
"/.sw/sessions/swinstall.last".
* The analysis phase succeeded for "ls1-tbdw:/".

* Analysis succeeded.

* Beginning Execution

WARNING: "ls1-tbdw/": 1 preinstall or preremove scripts had warnings. (IGNORE)

* Execution succeeded.

NOTE: More information may be found in the agent logfile (location is ls1-tbdw:/var/adm/sw/swagent.log).

===== 11/08/99 14:20:02 GMT END swinstall SESSION (non-interactive)

Installing MeasureWare on ds1...

===== 11/08/99 14:20:41 GMT BEGIN swinstall SESSION
(non-interactive)

* Session started for user "root@ds1-tbdw".

* Beginning Selection

* Target connection succeeded for "ds1-tbdw/".

* Source connection succeeded for "ds1-tbdw:/tmp/Glance.depot".

* Source: /tmp/Glance.depot

* Targets: ds1-tbdw:/

* Software selections:

B3693AA_APZ,r=C.02.30.000,a=HP-UX_B.10.20_800,v=HP

B4967AA_APZ,r=C.02.30.000,a=HP-UX_B.10.20_800,v=HP

Glance.GLANCE,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP

Glance.GPLIC,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP

Glance.GPM,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP

MeasureWare.MWA,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP

MeasureWare.MWALIC-SERVER,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP

MeasureWare.PERFDSI,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP

MeasurementInt.MI,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP

MeasurementInt.TT,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP

* Selection succeeded.

* Beginning Analysis

* Session selections have been saved in the file

"/.sw/sessions/swinstall.last".

* The analysis phase succeeded for "ds1-tbdw/".

* Analysis succeeded.

* Beginning Execution

- * The execution phase succeeded for "ds1-tbdw:/".
- * Execution succeeded.

NOTE: More information may be found in the agent logfile (location is ds1-tbdw:/var/adm/sw/swagent.log).

===== 11/08/99 14:23:30 GMT END swinstall SESSION (non-interactive)

Starting Measureware on ds1...

Installing MeasureWare on ds2...

===== 11/08/99 14:24:28 GMT BEGIN swinstall SESSION
(non-interactive)

- * Session started for user "root@ds2-tbdw".
- * Beginning Selection
- * Target connection succeeded for "ds2-tbdw:/".
- * Source connection succeeded for "ds2-tbdw:/tmp/Glance.depot".
- * Source: /tmp/Glance.depot
- * Targets: ds2-tbdw:/
- * Software selections:
 - B3693AA_APZ,r=C.02.30.000,a=HP-UX_B.10.20_800,v=HP
 - B4967AA_APZ,r=C.02.30.000,a=HP-UX_B.10.20_800,v=HP
 - Glance.GLANCE,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP
 - Glance.GPLIC,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP
 - Glance.GPM,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP
 - MeasureWare.MWA,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP
 - MeasureWare.MWALIC-SERVER,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP
 - MeasureWare.PERFDSI,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP
 - MeasurementInt.MI,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP
 - MeasurementInt.TT,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP
- * Selection succeeded.
- * Beginning Analysis
- * Session selections have been saved in the file
"/.sw/sessions/swinstall.last".
- * The analysis phase succeeded for "ds2-tbdw:/".
- * Analysis succeeded.
- * Beginning Execution
- * The execution phase succeeded for "ds2-tbdw:/".

* Execution succeeded.

NOTE: More information may be found in the agent logfile (location is ds2-tbdw:/var/adm/sw/swagent.log).

===== 11/08/99 14:27:13 GMT END swinstall SESSION (non-interactive)

Starting Measureware on ds2...

Installing MeasureWare on as1...

===== 11/08/99 14:28:12 GMT BEGIN swinstall SESSION
(non-interactive)

* Session started for user "root@as1-tbdw".

* Beginning Selection

* Target connection succeeded for "as1-tbdw:/".

* Source connection succeeded for "as1-tbdw:/tmp/Glance.depot".

* Source: /tmp/Glance.depot

* Targets: as1-tbdw:/

* Software selections:

B3693AA_APZ,r=C.02.30.000,a=HP-UX_B.10.20_800,v=HP

B4967AA_APZ,r=C.02.30.000,a=HP-UX_B.10.20_800,v=HP

Glance.GLANCE,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP

Glance.GPLIC,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP

Glance.GPM,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP

MeasureWare.MWA,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP

MeasureWare.MWALIC-SERVER,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP

MeasureWare.PERFDSI,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP

MeasurementInt.MI,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP

MeasurementInt.TT,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP

* Selection succeeded.

* Beginning Analysis

* Session selections have been saved in the file
"/.sw/sessions/swinstall.last".

* The analysis phase succeeded for "as1-tbdw:/".

* Analysis succeeded.

* Beginning Execution

* The execution phase succeeded for "as1-tbdw:/".

* Execution succeeded.

NOTE: More information may be found in the agent logfile (location is as1-tbdw:/var/adm/sw/swagent.log).

===== 11/08/99 14:31:13 GMT END swinstall SESSION (non-interactive)

Starting Measureware on as1...

Installing MeasureWare on as2...

===== 11/08/99 14:32:08 GMT BEGIN swinstall SESSION
(non-interactive)

* Session started for user "root@as2-tbdw".

* Beginning Selection

* Target connection succeeded for "as2-tbdw:/".

* Source connection succeeded for "as2-tbdw:/tmp/Glance.depot".

* Source: /tmp/Glance.depot

* Targets: as2-tbdw:/

* Software selections:

B3693AA_APZ,r=C.02.30.000,a=HP-UX_B.10.20_800,v=HP

B4967AA_APZ,r=C.02.30.000,a=HP-UX_B.10.20_800,v=HP

Glance.GLANCE,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP

Glance.GPLIC,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP

Glance.GPM,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP

MeasureWare.MWA,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP

MeasureWare.MWALIC-SERVER,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP

MeasureWare.PERFDSI,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP

MeasurementInt.MI,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP

MeasurementInt.TT,r=C.02.30.000,a=HP-UX_B.10.20_700/800,v=HP

* Selection succeeded.

* Beginning Analysis

* Session selections have been saved in the file

"/.sw/sessions/swinstall.last".

* The analysis phase succeeded for "as2-tbdw:/".

* Analysis succeeded.

* Beginning Execution

* The execution phase succeeded for "as2-tbdw:/".

* Execution succeeded

NOTE: More information may be found in the agent logfile (location is as2-tbdw:/var/adm/sw/swagent.log).

===== 11/08/99 14:34:45 GMT END swinstall SESSION (non-interactive)

Starting Measureware on as2...

Installing xgrab on ws1-tbdw...

===== 11/08/99 14:35:10 GMT BEGIN swinstall SESSION
(non-interactive)

- * Session started for user "root@ws1-tbdw".
- * Beginning Selection
- * Target connection succeeded for "ws1-tbdw:/".
- * "ws1-tbdw:/tmp/xgrabsc-2.4beta-sd-10.10.depot": This source is a tape device.
- * "ws1-tbdw:/tmp/xgrabsc-2.4beta-sd-10.10.depot": Cannot open the logfile on this target or source. Possibly the media is read-only or there is a permission problem. Check the daemon logfile and "/var/tmp/swagent.log" on this host for more information.
- * Source: /tmp/xgrabsc-2.4beta-sd-10.10.depot
- * Targets: ws1-tbdw:/
- * Software selections:
xgrabsc.xgrabsc-RUN,r=2.4beta,a=HP-UX_B.10.10_700/800,v=HP-PD
- * Selection succeeded.
- * Beginning Analysis
- * Session selections have been saved in the file
"/.sw/sessions/swinstall.last".
- * The analysis phase succeeded for "ws1-tbdw:/".
- * Analysis succeeded.
- * Beginning Execution
- * The execution phase succeeded for "ws1-tbdw:/".
- * Execution succeeded.

NOTE: More information may be found in the agent logfile (location is ws1-tbdw:/var/adm/sw/swagent.log).

===== 11/08/99 14:35:23 GMT END swinstall SESSION (non-interactive)

Installing xgrab on ws2-tbdw...

===== 11/08/99 14:35:27 GMT BEGIN swinstall SESSION
(non-interactive)

- * Session started for user "root@ws2-tbdw".
- * Beginning Selection
- * Target connection succeeded for "ws2-tbdw:/".
- * "ws2-tbdw:/tmp/xgrabsc-2.4beta-sd-10.10.depot": This source is a tape device.
- * "ws2-tbdw:/tmp/xgrabsc-2.4beta-sd-10.10.depot": Cannot open the logfile on this target or source. Possibly the media is read-only or there is a permission problem. Check the daemon logfile and "/var/tmp/swagent.log" on this host for more information.
- * Source: /tmp/xgrabsc-2.4beta-sd-10.10.depot
- * Targets: ws2-tbdw:/
- * Software selections:
 xgrabsc.xgrabsc-RUN,r=2.4beta,a=HP-UX_B.10.10_700/800,v=HP-PD
- * Selection succeeded.
- * Beginning Analysis
- * Session selections have been saved in the file
 "/.sw/sessions/swinstall.last".
- * The analysis phase succeeded for "ws2-tbdw:/".
- * Analysis succeeded.
- * Beginning Execution
- * The execution phase succeeded for "ws2-tbdw:/".
- * Execution succeeded

NOTE: More information may be found in the agent logfile (location is ws2-tbdw:/var/adm/sw/swagent.log).

===== 11/08/99 14:35:39 GMT END swinstall SESSION (non-interactive)

Installing xgrab on ws3-tbdw...

===== 11/08/99 14:35:43 GMT BEGIN swinstall SESSION
(non-interactive)

- * Session started for user "root@ws3-tbdw".

```

* Beginning Selection
* Target connection succeeded for "ws3-tbdw:".
* "ws3-tbdw:/tmp/xgrabsc-2.4beta-sd-10.10.depot": This source
  is a tape device.
* "ws3-tbdw:/tmp/xgrabsc-2.4beta-sd-10.10.depot": Cannot open
  the logfile on this target or source. Possibly the media is
  read-only or there is a permission problem. Check the daemon
  logfile and "/var/tmp/swagent.log" on this host for more
  information.
* Source:          /tmp/xgrabsc-2.4beta-sd-10.10.depot
* Targets:         ws3-tbdw:/
* Software selections:
  xgrabsc.xgrabsc-RUN,r=2.4beta,a=HP-UX_B.10.10_700/800,v=HP-PD
* Selection succeeded.

* Beginning Analysis
* Session selections have been saved in the file
  "/.sw/sessions/swinstall.last".
* The analysis phase succeeded for "ws3-tbdw:".
* Analysis succeeded

* Beginning Execution
* The execution phase succeeded for "ws3-tbdw:".
* Execution succeeded.

```

NOTE: More information may be found in the agent logfile (location
is ws3-tbdw:/var/adm/sw/swagent.log).

===== 11/08/99 14:35:58 GMT END swinstall SESSION (non-interactive)

Installing xgrab on ws4-tbdw...

===== 11/08/99 14:36:03 GMT BEGIN swinstall SESSION
(non-interactive)

```

* Session started for user "root@ws4-tbdw".

* Beginning Selection
* Target connection succeeded for "ws4-tbdw:".
* "ws4-tbdw:/tmp/xgrabsc-2.4beta-sd-10.10.depot": This source
  is a tape device.
* "ws4-tbdw:/tmp/xgrabsc-2.4beta-sd-10.10.depot": Cannot open

```

the logfile on this target or source. Possibly the media is read-only or there is a permission problem. Check the daemon logfile and "/var/tmp/swagent.log" on this host for more information.

- * Source: /tmp/xgrabsc-2.4beta-sd-10.10.depot
- * Targets: ws4-tbdw:/
- * Software selections:
xgrabsc.xgrabsc-RUN,r=2.4beta,a=HP-UX_B.10.10_700/800,v=HP-PD
- * Selection succeeded.

- * Beginning Analysis
- * Session selections have been saved in the file
"/.sw/sessions/swinstall.last".
- * The analysis phase succeeded for "ws4-tbdw:/".
- * Analysis succeeded.

- * Beginning Execution
- * The execution phase succeeded for "ws4-tbdw:/".
- * Execution succeeded.

NOTE: More information may be found in the agent logfile (location is ws4-tbdw:/var/adm/sw/swagent.log).

===== 11/08/99 14:36:16 GMT END swinstall SESSION (non-interactive)

Installing xgrab on ws5-tbdw...

===== 11/08/99 14:36:21 GMT BEGIN swinstall SESSION
(non-interactive)

- * Session started for user "root@ws5-tbdw".
- * Beginning Selection
- * Target connection succeeded for "ws5-tbdw:/".
- * "ws5-tbdw:/tmp/xgrabsc-2.4beta-sd-10.10.depot": This source is a tape device.
- * "ws5-tbdw:/tmp/xgrabsc-2.4beta-sd-10.10.depot": Cannot open the logfile on this target or source. Possibly the media is read-only or there is a permission problem. Check the daemon logfile and "/var/tmp/swagent.log" on this host for more information.
- * Source: /tmp/xgrabsc-2.4beta-sd-10.10.depot
- * Targets: ws5-tbdw:/

- * Software selections:
xgrabsc.xgrabsc-RUN,r=2.4beta,a=HP-UX_B.10.10_700/800,v=HP-PD
- * Selection succeeded.
- * Beginning Analysis
- * Session selections have been saved in the file
"/.sw/sessions/swinstall.last".
- * The analysis phase succeeded for "ws5-tbdw:/".
- * Analysis succeeded.
- * Beginning Execution
- * The execution phase succeeded for "ws5-tbdw:/".
- * Execution succeeded.

NOTE: More information may be found in the agent logfile (location is ws5-tbdw:/var/adm/sw/swagent.log).

===== 11/08/99 14:36:27 GMT END swinstall SESSION (non-interactive)

Installing frecover on ls1...

(End of UNIX System Patch Installations)

===== 11/08/99 14:37:12 GMT BEGIN swinstall SESSION
(non-interactive)

- * Session started for user "root@ls1-tbdw".
- * Beginning Selection
- * Target connection succeeded for "ls1-tbdw:/".
- * Source connection succeeded for "ls1-tbdw:/tmp/Ignite.depot".
- * Source: /tmp/Ignite.depot
- * Targets: ls1-tbdw:/
- * Software selections:
B5725AA_APZ,r=A.1.59.1,a=HP-UX_B.10.01_800,v=HP
Ignite-UX-10-20,r=A.1.59.1,a=HP-UX_B.10.01_700/800,v=HP
Ignite-UX.BOOT-KERNEL,r=A.1.59.1,a=HP-UX_B.10.01_700/800,v=HP
Ignite-UX.BOOT-SERVICES,r=A.1.59.1,a=HP-UX_B.10.01_700/800,v=HP
Ignite-UX.FILE-SRV-10-20,r=A.1.59.1,a=HP-UX_B.10.01_700/800,v=HP
Ignite-UX.IGNITE,r=A.1.59.1,a=HP-UX_B.10.01_700/800,v=HP
Ignite-UX.IGNT-ENG-A-MAN,r=A.1.59.1,a=HP-UX_B.10.01_700/800,v=HP
Ignite-UX.MGMT-TOOLS,r=A.1.59.1,a=HP-UX_B.10.01_700/800,v=HP
Ignite-UX.OBAM-RUN,r=A.1.59.1,a=HP-UX_B.10.01_700/800,v=HP
PHCO_16877.PHCO_16877,r=B.10.00.00.AA,a=HP-UX_B.10.20_700/800,v=HP
PHKL_14280.PHKL_14280,r=B.10.00.00.AA,a=HP-UX_B.10.01_700/800,v=HP

* Selection succeeded.

* Beginning Analysis

* Session selections have been saved in the file

"/.sw/sessions/swinstall.last".

* The analysis phase succeeded for "ls1-tbdw:/".

* Analysis succeeded.

* Beginning Execution

WARNING: "ls1-tbdw/": 2 preinstall or preremove scripts had warnings.

* Execution succeeded.

NOTE: More information may be found in the agent logfile (location
is ls1-tbdw:/var/adm/sw/swagent.log).

===== 11/08/99 14:39:03 GMT END swinstall SESSION (non-interactive)

Extending /awips/adapt partition by 150M...

Logical volume "/dev/vg02/lvol4" has been successfully extended.

Volume Group configuration for /dev/vg02 has been saved in /etc/lvmconf/vg02.conf

Logical volume "/dev/vg02/lvol4" has been successfully extended.

Volume Group configuration for /dev/vg02 has been saved in /etc/lvmconf/vg02.conf

Logical volume "/dev/vg02/lvol4" has been successfully extended.

Volume Group configuration for /dev/vg02 has been saved in /etc/lvmconf/vg02.conf

Creating /data/local partition for a WFO...

Logical volume "/dev/vg02/lvol13" has been successfully created with
character device "/dev/vg02/rlvol13".

Volume Group configuration for /dev/vg02 has been saved in /etc/lvmconf/vg02.conf

Logical volume "/dev/vg02/lvol13" has been successfully extended.

Volume Group configuration for /dev/vg02 has been saved in /etc/lvmconf/vg02.conf

Logical volume "/dev/vg02/lvol13" has been successfully extended.

Volume Group configuration for /dev/vg02 has been saved in /etc/lvmconf/vg02.conf

Logical volume "/dev/vg02/lvol13" has been successfully extended.

Volume Group configuration for /dev/vg02 has been saved in /etc/lvmconf/vg02.conf

Logical volume "/dev/vg02/lvol13b" has been successfully created with
character device "/dev/vg02/rlvol13b".

Volume Group configuration for /dev/vg02 has been saved in /etc/lvmconf/vg02.conf

Logical volume "/dev/vg02/lvol13b" has been successfully extended.

Volume Group configuration for /dev/vg02 has been saved in /etc/lvmconf/vg02.conf

Logical volume "/dev/vg02/lvol13b" has been successfully extended.

Volume Group configuration for /dev/vg02 has been saved in /etc/lvmconf/vg02.conf

Logical volume "/dev/vg02/lvol13b" has been successfully extended.

Volume Group configuration for /dev/vg02 has been saved in /etc/lvmconf/vg02.conf
Logical volume "/dev/vg02/lvol13b" has been successfully merged
with logical volume "/dev/vg02/lvol13".
Logical volume "/dev/vg02/lvol13b" has been successfully removed.
Volume Group configuration for /dev/vg02 has been saved in /etc/lvmconf/vg02.conf
version 3 layout
1013760 sectors, 1013760 blocks of size 1024, log size 1024 blocks
unlimited inodes, 1013760 data blocks, 1012416 free data blocks
31 allocation units of 32768 blocks, 32768 data blocks
last allocation unit has 30720 data blocks
first allocation unit starts at block 0
overhead per allocation unit is 0 blocks

Creating /data/local directory on ds1...
Creating /data/local directory on ds2...
Creating /data/local directory on as1...
Creating /data/local directory on as2...
Creating /data/local directory on ws1-tbdw...
Creating /data/local directory on ws2-tbdw...
Creating /data/local directory on ws3-tbdw...
Creating /data/local directory on ws4-tbdw...
Creating /data/local directory on ws5-tbdw...

Modifying fstab on ws1-tbdw for /data/local partition...
Modifying fstab on ws2-tbdw for /data/local partition...
Modifying fstab on ws3-tbdw for /data/local partition...
Modifying fstab on ws4-tbdw for /data/local partition...
Modifying fstab on ws5-tbdw for /data/local partition...
Modifying /etc/cmcluster/shared/mc.sg.fstab file for /data/local partition ...
Modifying /etc/cmcluster/dsswap/mc.sg.exports file for /data/local partition...
Modifying /etc/cmcluster/dsswap/dsswap.control file for a WFO for /data/local partition...

Pushing out Service Guard changes to ds2...
Pushing out Service Guard changes to as1...
Pushing out Service Guard changes to as2...

Mounting /data/local on ds1 for a WFO...
Mount /data/local on as1...
Mount /data/local on as2...
Mounting /data/local on ws1-tbdw...
Mounting /data/local on ws2-tbdw...
Mounting /data/local on ws3-tbdw...
Mounting /data/local on ws4-tbdw...

Mounting /data/local on ws5-tbdw...

Syncing up vg02 on ds1 and ds2...

Volume group "/dev/vg02" is still active.

Physical volume "/dev/dsk/c0t13d0" has been successfully deleted from physical volume group "PVG0".

Physical volume "/dev/dsk/c0t14d0" has been successfully deleted from physical volume group "PVG0".

Physical volume "/dev/dsk/c0t15d0" has been successfully deleted from physical volume group "PVG0".

Physical volume "/dev/dsk/c2t13d0" has been successfully deleted from physical volume group "PVG1".

Physical volume "/dev/dsk/c2t14d0" has been successfully deleted from physical volume group "PVG1".

Physical volume "/dev/dsk/c2t15d0" has been successfully deleted from physical volume group "PVG1".

Beginning the import process on Volume Group "/dev/vg02".

Logical volume "/dev/vg02/lvol1" has been successfully created with lv number 1.

Logical volume "/dev/vg02/lvol2" has been successfully created with lv number 2.

Logical volume "/dev/vg02/lvol3" has been successfully created with lv number 3.

Logical volume "/dev/vg02/lvol4" has been successfully created with lv number 4.

Logical volume "/dev/vg02/lvol5" has been successfully created with lv number 5.

Logical volume "/dev/vg02/lvol6" has been successfully created with lv number 6.

Logical volume "/dev/vg02/lvol7" has been successfully created with lv number 7.

Logical volume "/dev/vg02/lvol8" has been successfully created with lv number 8.

Logical volume "/dev/vg02/lvol9" has been successfully created with lv number 9.

Logical volume "/dev/vg02/lvol10" has been successfully created with lv number 10.

Logical volume "/dev/vg02/lvol11" has been successfully created with lv number 11.

Logical volume "/dev/vg02/lvol12" has been successfully created with lv number 12.

Logical volume "/dev/vg02/lvol13" has been successfully created

with lv number 13.
Volume group "/dev/vg02" has been successfully created.
Done syncing vg02...

Updating NIS...

For NIS domain tbdw.awips1:

The passwd map(s) are up-to-date.
The group map(s) are up-to-date.
Building the hosts map(s)... hosts build complete.
Pushing the hosts map(s): hosts.byaddr hosts.byname
The networks map(s) are up-to-date.
The rpc map(s) are up-to-date.
The services map(s) are up-to-date.
The protocols map(s) are up-to-date.
The netgroup map(s) are up-to-date.
The aliases map(s) are up-to-date.
The vhe_list map(s) are up-to-date.
The publickey map(s) are up-to-date.
Building the netid map(s)... netid build complete.
Pushing the netid map(s): netid.byname
The auto_master map(s) are up-to-date.

ypmake complete: no errors encountered.

Preinstall 4.3 Complete...

ds1-tbdw:root:359# *./stopscript*

Script done, file is -a /home/ncfuser/preinstall43.out

4.0 PART 4: Install ADAPT Script Output:

4.1 Error Information:

The following error messages can be **IGNORED**:

1. chmod: can't change e.sql: Not owner
2. chmod: can't change icwf-slc.env.orig: Not owner
3. chmod: can't change ifps-main.en: Not owner
4. chmod: can't change run_ifps2: Not owner
5. chmod: can't change unpack_grib_afos: Not owner
6. chmod: can't change brdrpts_zone_dfm.slc.original: Not owner

Please do **NOT** use <CTL-C> from ANY of the steps during the installation.

If you encounter any unexpected errors, please **call the NCF immediately BEFORE taking any action and DO NOT PROCEED.**

4.2 Sample Script Output “installADAPT43.out”:

Script started on Wed Mar 8 15:53:20 2000
ds1-tbdw:root:352# *./installADAPTR4.3*

Copying files into place for Install...
Installing ADAPT software...

Starting the ADAPPT Install/Upgrade/Deinstall . . . Wed Mar 8 15:54:46 GMT 2000
Installing LAMP

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Installing the LAMP main tar file . . . Wed Mar 8 15:54:48 GMT 2000

Installing the LAMP main tar file . . . Wed Mar 8 15:54:48 GMT 2000

```
x lamp/.cshrc, 1360 bytes, 3 tape blocks
x lamp/.login, 670 bytes, 2 tape blocks
x lamp/bin/AWIPGrid2LAMP, 2340864 bytes, 4572 tape blocks
x lamp/bin/LAMPHOURLIES, 6421 bytes, 13 tape blocks
x lamp/bin/LAMPHOURLIES4NCF, 12302 bytes, 25 tape blocks
x lamp/bin/LAMPMOS, 11432 bytes, 23 tape blocks
x lamp/bin/LAMPMOS4NCF, 6098 bytes, 12 tape blocks
x lamp/bin/LAMPMRF, 3469 bytes, 7 tape blocks
x lamp/bin/LAMPMRF4NCF, 4815 bytes, 10 tape blocks
x lamp/bin/Release_ID, 15 bytes, 1 tape blocks
x lamp/bin/a348, 41075 bytes, 81 tape blocks
x lamp/bin/a350, 73866 bytes, 145 tape blocks
x lamp/bin/a352, 98483 bytes, 193 tape blocks
x lamp/bin/a353, 94387 bytes, 185 tape blocks
x lamp/bin/a354, 123097 bytes, 241 tape blocks
x lamp/bin/a355, 106706 bytes, 209 tape blocks
x lamp/bin/a356hp, 114888 bytes, 225 tape blocks
x lamp/bin/a357hp, 114888 bytes, 225 tape blocks
x lamp/bin/a358, 94381 bytes, 185 tape blocks
x lamp/bin/a359, 110782 bytes, 217 tape blocks
x lamp/bin/a364, 98491 bytes, 193 tape blocks
x lamp/bin/a365, 94377 bytes, 185 tape blocks
x lamp/bin/a368, 98483 bytes, 193 tape blocks
x lamp/bin/a370, 102573 bytes, 201 tape blocks
x lamp/bin/a400a, 143596 bytes, 281 tape blocks
x lamp/bin/a400b, 155887 bytes, 305 tape blocks
x lamp/bin/a400c, 139500 bytes, 273 tape blocks
x lamp/bin/a400d, 135397 bytes, 265 tape blocks
```

x lamp/bin/a400e, 151800 bytes, 297 tape blocks
x lamp/bin/a450, 118996 bytes, 233 tape blocks
x lamp/bin/a451, 110788 bytes, 217 tape blocks
x lamp/bin/a452, 131292 bytes, 257 tape blocks
x lamp/bin/a454, 147696 bytes, 289 tape blocks
x lamp/bin/a460, 155915 bytes, 305 tape blocks
x lamp/bin/a470, 119001 bytes, 233 tape blocks
x lamp/bin/a472, 135393 bytes, 265 tape blocks
x lamp/bin/a900, 131302 bytes, 257 tape blocks
x lamp/bin/a958, 94384 bytes, 185 tape blocks
x lamp/bin/a960, 102589 bytes, 201 tape blocks
x lamp/bin/removeifdup.csh, 3056 bytes, 6 tape blocks
x lamp/bin/status_check.csh, 8459 bytes, 17 tape blocks
x lamp/bin/status_start.csh, 3733 bytes, 8 tape blocks
x lamp/bin/status_update.csh, 5318 bytes, 11 tape blocks
x lamp/data/A354XX.CN, 14 bytes, 1 tape blocks
x lamp/data/A358MRF.CN, 798 bytes, 2 tape blocks
x lamp/data/A358XX.CN, 5854 bytes, 12 tape blocks
x lamp/data/A359XX.CN, 5627 bytes, 11 tape blocks
x lamp/data/A364XX.CN, 445 bytes, 1 tape blocks
x lamp/data/A36500.CN, 106 bytes, 1 tape blocks
x lamp/data/A36501.CN, 106 bytes, 1 tape blocks
x lamp/data/A36502.CN, 1308 bytes, 3 tape blocks
x lamp/data/A36503.CN, 106 bytes, 1 tape blocks
x lamp/data/A36504.CN, 1298 bytes, 3 tape blocks
x lamp/data/A36505.CN, 1298 bytes, 3 tape blocks
x lamp/data/A36506.CN, 106 bytes, 1 tape blocks
x lamp/data/A36507.CN, 106 bytes, 1 tape blocks
x lamp/data/A36508.CN, 1308 bytes, 3 tape blocks
x lamp/data/A36509.CN, 106 bytes, 1 tape blocks
x lamp/data/A36510.CN, 106 bytes, 1 tape blocks
x lamp/data/A36511.CN, 1308 bytes, 3 tape blocks
x lamp/data/A36512.CN, 106 bytes, 1 tape blocks
x lamp/data/A36513.CN, 106 bytes, 1 tape blocks
x lamp/data/A36514.CN, 1308 bytes, 3 tape blocks
x lamp/data/A36515.CN, 106 bytes, 1 tape blocks
x lamp/data/A36516.CN, 106 bytes, 1 tape blocks
x lamp/data/A36517.CN, 1308 bytes, 3 tape blocks
x lamp/data/A36518.CN, 106 bytes, 1 tape blocks
x lamp/data/A36519.CN, 106 bytes, 1 tape blocks
x lamp/data/A36520.CN, 1308 bytes, 3 tape blocks
x lamp/data/A36521.CN, 106 bytes, 1 tape blocks
x lamp/data/A36522.CN, 106 bytes, 1 tape blocks

x lamp/data/A36523.CN, 1308 bytes, 3 tape blocks
x lamp/data/A368XX.CN, 210 bytes, 1 tape blocks
x lamp/data/A368XX01.CN, 621 bytes, 2 tape blocks
x lamp/data/A368XX02.CN, 744 bytes, 2 tape blocks
x lamp/data/A370XX.CN, 128 bytes, 1 tape blocks
x lamp/data/A400AANAL.CN, 8519 bytes, 17 tape blocks
x lamp/data/A400AXX.CN, 120 bytes, 1 tape blocks
x lamp/data/A400BXX.CN, 387 bytes, 1 tape blocks
x lamp/data/A400CXX.CN, 195 bytes, 1 tape blocks
x lamp/data/A400DXX.CN, 1189 bytes, 3 tape blocks
x lamp/data/A400EXX.CN, 2433 bytes, 5 tape blocks
x lamp/data/A450XX.CN, 108 bytes, 1 tape blocks
x lamp/data/A452XX.CN, 135 bytes, 1 tape blocks
x lamp/data/A454XX.CN, 537 bytes, 2 tape blocks
x lamp/data/A46000.CN, 2779 bytes, 6 tape blocks
x lamp/data/A46001.CN, 2779 bytes, 6 tape blocks
x lamp/data/A46002.CN, 2779 bytes, 6 tape blocks
x lamp/data/A46003.CN, 2779 bytes, 6 tape blocks
x lamp/data/A46004.CN, 2659 bytes, 6 tape blocks
x lamp/data/A46005.CN, 2659 bytes, 6 tape blocks
x lamp/data/A46006.CN, 2659 bytes, 6 tape blocks
x lamp/data/A46007.CN, 2725 bytes, 6 tape blocks
x lamp/data/A46008.CN, 2725 bytes, 6 tape blocks
x lamp/data/A46009.CN, 2725 bytes, 6 tape blocks
x lamp/data/A46010.CN, 2779 bytes, 6 tape blocks
x lamp/data/A46011.CN, 2779 bytes, 6 tape blocks
x lamp/data/A46012.CN, 2779 bytes, 6 tape blocks
x lamp/data/A46013.CN, 2689 bytes, 6 tape blocks
x lamp/data/A46014.CN, 2689 bytes, 6 tape blocks
x lamp/data/A46015.CN, 2689 bytes, 6 tape blocks
x lamp/data/A46016.CN, 2779 bytes, 6 tape blocks
x lamp/data/A46017.CN, 2779 bytes, 6 tape blocks
x lamp/data/A46018.CN, 2779 bytes, 6 tape blocks
x lamp/data/A46019.CN, 2779 bytes, 6 tape blocks
x lamp/data/A46020.CN, 2779 bytes, 6 tape blocks
x lamp/data/A46021.CN, 2779 bytes, 6 tape blocks
x lamp/data/A46022.CN, 2779 bytes, 6 tape blocks
x lamp/data/A46023.CN, 2779 bytes, 6 tape blocks
x lamp/data/A4700001.CN, 785 bytes, 2 tape blocks
x lamp/data/A47002.CN, 2781 bytes, 6 tape blocks
x lamp/data/A47004.CN, 2717 bytes, 6 tape blocks
x lamp/data/A47005.CN, 2856 bytes, 6 tape blocks
x lamp/data/A47008.CN, 2756 bytes, 6 tape blocks

x lamp/data/A47011.CN, 3036 bytes, 6 tape blocks
 x lamp/data/A47014.CN, 2781 bytes, 6 tape blocks
 x lamp/data/A47017.CN, 2906 bytes, 6 tape blocks
 x lamp/data/A47020.CN, 2756 bytes, 6 tape blocks
 x lamp/data/A47023.CN, 2906 bytes, 6 tape blocks
 x lamp/data/A470PP.CN, 257 bytes, 1 tape blocks
 x lamp/data/A90002.CN, 22972 bytes, 45 tape blocks
 x lamp/data/A90004.CN, 23011 bytes, 45 tape blocks
 x lamp/data/A90005.CN, 23011 bytes, 45 tape blocks
 x lamp/data/A90008.CN, 22972 bytes, 45 tape blocks
 x lamp/data/A90011.CN, 23011 bytes, 45 tape blocks
 x lamp/data/A90014.CN, 22972 bytes, 45 tape blocks
 x lamp/data/A90017.CN, 23011 bytes, 45 tape blocks
 x lamp/data/A90020.CN, 22972 bytes, 45 tape blocks
 x lamp/data/A90023.CN, 23011 bytes, 45 tape blocks
 x lamp/data/A958DU.CN, 6167 bytes, 13 tape blocks
 x lamp/data/IDELMGRD.DA, 17772 bytes, 35 tape blocks
 x lamp/data/LAMPGridInfo.txt, 1471 bytes, 3 tape blocks
 x lamp/data/PG81X61BIN.DA, 19772 bytes, 39 tape blocks
 x lamp/data/RDARG.CN, 1138 bytes, 3 tape blocks
 x lamp/data/TABLEB, 59808 bytes, 117 tape blocks
 x lamp/data/TR81X61BIN.DA, 19772 bytes, 39 tape blocks
 x lamp/data/icaodict.tbl, 587444 bytes, 1148 tape blocks
 x prelamp/bin/INFORMIXsetup, 956 bytes, 2 tape blocks
 x prelamp/bin/LAMP.crontab, 8242 bytes, 17 tape blocks
 x prelamp/bin/LAMPsetup, 6253 bytes, 13 tape blocks
 x prelamp/bin/MOSdriver, 782304 bytes, 1528 tape blocks
 x prelamp/bin/createTDL, 1304030 bytes, 2547 tape blocks
 x prelamp/bin/purge_report, 1127710 bytes, 2203 tape blocks
 x nav/inc/Navigation.H, 2272 bytes, 5 tape blocks
 x nav/inc/Navigation.h, 2411 bytes, 5 tape blocks
 x nav/data/Navigation.txt, 11852 bytes, 24 tape blocks

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LAMPSITE IS SET TO: SLC

Modifying the LOC file

Generating LAMP02.CN file

Modifying Threshold & Weight files, this may take some time...

Creating the new A960 control file

Setting Permissions & Ownership

The script, createSITE, is now complete.

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Running update42to43.sh
Updating the hmdb database from version 42 to 43.
Updating hwrnwrsetup table.

Calling Informix dbaccess. Messages follow:

No errors detected. See updatenwr.LOG
Exiting...

ALTERing daily_climate table, adding wx_meth column before wx_1 column.

Calling Informix dbaccess. Messages follow:

(((...**If you have installed R4.3 version of Climate program**, you will see the following error...

ERROR IN ALTERING TABLE!! See file updatehmdb_99d.LOG (IGNORE)))))

Table altered.

No errors detected. See updatehmdb_99d.LOG
Exiting...

Creating new cli_asos_daily and cli_asos_monthly tables.

Calling Informix dbaccess. Messages follow:

(((...**If you have installed R4.3 version of Climate program**, you will see the following error...

ERRORS IN LOADING!! See file updatehmdb_99e.LOG (IGNORE)))))

No errors detected. See updatehmdb_99e.LOG
Exiting...

logout

Update the xhwrnwr.conf file for Build4.3 . . . Mon Nov 8 14:52:46 GMT 1999

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Adding information for dewpoint into the xhwrnwr.conf file.

Updating file. Messages follow:

Done with LAMP install, starting adapt_apps install . . . Mon Nov 8 14:52:51 GMT 1999

a ./adapt_apps/data/arrow.gif 3 blocks
a ./adapt_apps/data/awip_ban.gif 61 blocks
a ./adapt_apps/data/bc_storm.gif 22 blocks
a ./adapt_apps/data/broadcast.html 6 blocks

a ./adapt_apps/data/calfrog.gif 9 blocks
a ./adapt_apps/data/clibrwse.conf 1 blocks
a ./adapt_apps/data/climate_master.gif 103 blocks
a ./adapt_apps/data/climate_report_setup.html 4 blocks
a ./adapt_apps/data/climate_reports_setup.gif 33 blocks
a ./adapt_apps/data/climo_help.html 6 blocks
a ./adapt_apps/data/clinwws.conf 1 blocks
a ./adapt_apps/data/column.gif 17 blocks
a ./adapt_apps/data/confignwr.html 5 blocks
a ./adapt_apps/data/confignwws.html 4 blocks
a ./adapt_apps/data/configs.html 11 blocks
a ./adapt_apps/data/control_am 5 blocks
a ./adapt_apps/data/control_am_FAI 5 blocks
a ./adapt_apps/data/control_am_MAR 5 blocks
a ./adapt_apps/data/control_am_MOR 5 blocks
a ./adapt_apps/data/control_am_NWR 5 blocks
a ./adapt_apps/data/control_am_NWWS 5 blocks
a ./adapt_apps/data/control_am_SLC 5 blocks
a ./adapt_apps/data/control_pm 5 blocks
a ./adapt_apps/data/control_pm_EVE 5 blocks
a ./adapt_apps/data/control_pm_FAI 5 blocks
a ./adapt_apps/data/control_pm_NWR 5 blocks
a ./adapt_apps/data/control_pm_NWWS 5 blocks
a ./adapt_apps/data/control_pm_SLC 5 blocks
a ./adapt_apps/data/default.html 4 blocks
a ./adapt_apps/data/delete_climo_products.html 8 blocks
a ./adapt_apps/data/delete_products.gif 51 blocks
a ./adapt_apps/data/display.gif 326 blocks
a ./adapt_apps/data/dotblue.gif 1 blocks
a ./adapt_apps/data/edit_climate.gif 25 blocks
a ./adapt_apps/data/edit_data.gif 306 blocks
a ./adapt_apps/data/edit_data.html 7 blocks
a ./adapt_apps/data/execute_AM_PM_climate.html 6 blocks
a ./adapt_apps/data/header_am_FAI 2 blocks
a ./adapt_apps/data/header_am_MAR 2 blocks
a ./adapt_apps/data/header_am_MOR 2 blocks
a ./adapt_apps/data/header_am_SLC 2 blocks
a ./adapt_apps/data/header_default 2 blocks
a ./adapt_apps/data/header_pm_EVE 2 blocks
a ./adapt_apps/data/header_pm_FAI 2 blocks
a ./adapt_apps/data/header_pm_SLC 2 blocks
a ./adapt_apps/data/helpnwr.html 3 blocks
a ./adapt_apps/data/helpnwws.html 3 blocks

```

a ./adapt_apps/data/hwrnwr.conf 1 blocks
a ./adapt_apps/data/hwrnwws.conf 1 blocks
a ./adapt_apps/data/import_climate.gif 271 blocks
a ./adapt_apps/data/import_climate.html 14 blocks
a ./adapt_apps/data/imported_data.gif 374 blocks
a ./adapt_apps/data/initialize_climate.html 10 blocks
a ./adapt_apps/data/missing.html 3 blocks
a ./adapt_apps/data/norms_extremes1.gif 129 blocks
a ./adapt_apps/data/norms_extremes2.gif 299 blocks
a ./adapt_apps/data/nwr_config.gif 92 blocks
a ./adapt_apps/data/nwws_config.gif 29 blocks
a ./adapt_apps/data/oldxhwrnwr.conf 4 blocks
a ./adapt_apps/data/product_properties.gif 237 blocks
a ./adapt_apps/data/productnwr.html 3 blocks
a ./adapt_apps/data/productnwws.html 3 blocks
a ./adapt_apps/data/report_format.gif 409 blocks
a ./adapt_apps/data/report_format.html 13 blocks
a ./adapt_apps/data/roundup_cloud.gif 10 blocks
a ./adapt_apps/data/select_products.gif 105 blocks
a ./adapt_apps/data/select_stations.gif 65 blocks
a ./adapt_apps/data/select_stations.html 5 blocks
a ./adapt_apps/data/station_am_FAI 2 blocks
a ./adapt_apps/data/station_am_MAR 1 blocks
a ./adapt_apps/data/station_am_MOR 2 blocks
a ./adapt_apps/data/station_am_SLC 1 blocks
a ./adapt_apps/data/station_pm_EVE 2 blocks
a ./adapt_apps/data/station_pm_FAI 2 blocks
a ./adapt_apps/data/station_pm_SLC 2 blocks
a ./adapt_apps/data/threshnwr.html 4 blocks
a ./adapt_apps/data/threshnwws.html 3 blocks
a ./adapt_apps/data/tstm.gif 11 blocks
a ./adapt_apps/data/ver2icwf_help.html 9 blocks
a ./adapt_apps/data/ver_cutoff_help.html 7 blocks
a ./adapt_apps/data/ver_editor_help.html 39 blocks
a ./adapt_apps/data/ver_sta_setup_help.html 25 blocks
a ./adapt_apps/data/verifhelp.htm 2 blocks
a ./adapt_apps/data/xhwrnwr 8 blocks
a ./adapt_apps/data/xhwrnwr.conf 5 blocks
a ./adapt_apps/data/xhwrnwws 5 blocks
a ./adapt_apps/data/xhwrnwws.conf 3 blocks
a ./adapt_apps/data/xver 12 blocks
x adapt_apps/bin/create_f6_product, 1109 bytes, 3 tape blocks
x adapt_apps/bin/ASOS_smDecoder.sh, 1355 bytes, 3 tape blocks

```

x adapt_apps/bin/clean_up_im, 547 bytes, 2 tape blocks
x adapt_apps/bin/display_im.sh, 4587 bytes, 9 tape blocks
x adapt_apps/bin/climate_im.sh, 8797 bytes, 18 tape blocks
x adapt_apps/bin/hwrnwr, 2552335 bytes, 4986 tape blocks
x adapt_apps/bin/xhwrnwr, 267589 bytes, 523 tape blocks
x adapt_apps/bin/hwrnwsws, 2502672 bytes, 4889 tape blocks
x adapt_apps/bin/xhwrnwsws, 259394 bytes, 507 tape blocks
x adapt_apps/bin/Mtr_scd_dvr, 1458480 bytes, 2849 tape blocks
x adapt_apps/bin/Forecast_obs_dvr, 1474912 bytes, 2881 tape blocks
x adapt_apps/bin/aeV_cycle_driver, 207520 bytes, 406 tape blocks
x adapt_apps/bin/xver, 310456 bytes, 607 tape blocks
x adapt_apps/bin/retrieve_OBS, 643016 bytes, 1256 tape blocks
x adapt_apps/bin/get_mos, 277240 bytes, 542 tape blocks
x adapt_apps/bin/retrieve_TAFs, 3780920 bytes, 7385 tape blocks
x adapt_apps/bin/save_obs, 334848 bytes, 654 tape blocks
x adapt_apps/bin/TAF_verify, 236288 bytes, 462 tape blocks
x adapt_apps/bin/Create_AEV_msg, 252744 bytes, 494 tape blocks
x adapt_apps/bin/save_ccfmef, 350192 bytes, 684 tape blocks
x adapt_apps/bin/verifSetupWish, 2906640 bytes, 5678 tape blocks
x adapt_apps/bin/qc_climate, 1421630 bytes, 2777 tape blocks
x adapt_apps/bin/create_climate, 4119800 bytes, 8047 tape blocks
x adapt_apps/bin/display_climate, 2519060 bytes, 4921 tape blocks
x adapt_apps/bin/init_climate, 1610581 bytes, 3146 tape blocks
x adapt_apps/bin/do_all_climate, 1207294 bytes, 2358 tape blocks
x adapt_apps/bin/format_climate, 5906838 bytes, 11537 tape blocks
x adapt_apps/bin/launch_AEV.csh, 1284 bytes, 3 tape blocks
x adapt_apps/bin/unload_AEV_monthly.sql, 5138 bytes, 11 tape blocks
x adapt_apps/bin/verifSetup.tcl, 5764 bytes, 12 tape blocks
x adapt_apps/bin/clean_up_am, 556 bytes, 2 tape blocks
x adapt_apps/bin/clean_up_pm, 548 bytes, 2 tape blocks
x adapt_apps/bin/climate_am.sh, 9075 bytes, 18 tape blocks
x adapt_apps/bin/climate_pm.sh, 8792 bytes, 18 tape blocks
x adapt_apps/bin/set_up_climate_runs, 4861 bytes, 10 tape blocks
x adapt_apps/bin/set_up_climate_stations, 1683 bytes, 4 tape blocks
x adapt_apps/bin/build_f6, 1131674 bytes, 2211 tape blocks
x adapt_apps/bin/ASOS_smDecoder, 201654 bytes, 394 tape blocks
x adapt_apps/bin/set_up_climate, 2599622 bytes, 5078 tape blocks
x adapt_apps/data/xhwrnwr.conf, 2178 bytes, 5 tape blocks
x adapt_apps/data/control_am, 2014 bytes, 4 tape blocks
x adapt_apps/data/control_am_NWR, 2015 bytes, 4 tape blocks
x adapt_apps/data/control_am_NWWS, 2015 bytes, 4 tape blocks
x adapt_apps/data/control_pm, 2014 bytes, 4 tape blocks
x adapt_apps/data/control_pm_NWR, 2014 bytes, 4 tape blocks

x adapt_apps/data/control_pm_NWWS, 2015 bytes, 4 tape blocks
x adapt_apps/data/header_default, 671 bytes, 2 tape blocks
x adapt_apps/data/xhwrnwr, 3967 bytes, 8 tape blocks
x adapt_apps/data/xver.conf, 1502 bytes, 3 tape blocks
x adapt_apps/data/select_stations.gif, 69996 bytes, 137 tape blocks
x adapt_apps/data/report_format.html, 7171 bytes, 15 tape blocks
x adapt_apps/data/climate_master.gif, 69997 bytes, 137 tape blocks
x adapt_apps/data/climo_help.html, 3378 bytes, 7 tape blocks
x adapt_apps/data/configs.html, 5635 bytes, 12 tape blocks
x adapt_apps/data/edit_data.html, 3309 bytes, 7 tape blocks
x adapt_apps/data/execute_AM_PM_climate.html, 2968 bytes, 6 tape blocks
x adapt_apps/data/report_format.gif, 208824 bytes, 408 tape blocks
x adapt_apps/data/control_im_NWWS, 2015 bytes, 4 tape blocks
x adapt_apps/data/control_im_NWR, 2014 bytes, 4 tape blocks
x adapt_apps/data/control_im, 2014 bytes, 4 tape blocks
x adapt_apps/data/global_day, 186 bytes, 1 tape blocks
x adapt_apps/data/report_periods.gif, 60070 bytes, 118 tape blocks
x adapt_apps/data/annual_periods.gif, 43353 bytes, 85 tape blocks
x adapt_apps/data/climo_prefs.gif, 84945 bytes, 166 tape blocks
x adapt_apps/data/climo_prefs.html, 1810 bytes, 4 tape blocks
x adapt_apps/data/f6.html, 836 bytes, 2 tape blocks
x adapt_apps/data/f6date.gif, 23223 bytes, 46 tape blocks
x adapt_apps/data/retrieve.html, 2681 bytes, 6 tape blocks
x adapt_apps/data/qcmetholds.gif, 66605 bytes, 131 tape blocks
x adapt_apps/data/dispmethods.gif, 66549 bytes, 130 tape blocks
x ./adapt_apps/data/arrow.gif, 1155 bytes, 3 tape blocks
x ./adapt_apps/data/awip_ban.gif, 31154 bytes, 61 tape blocks
x ./adapt_apps/data/bc_storm.gif, 10759 bytes, 22 tape blocks
x ./adapt_apps/data/broadcast.html, 2978 bytes, 6 tape blocks
x ./adapt_apps/data/calfrop.gif, 4326 bytes, 9 tape blocks
x ./adapt_apps/data/clibrwse.conf, 268 bytes, 1 tape blocks
x ./adapt_apps/data/climate_master.gif, 52428 bytes, 103 tape blocks
x ./adapt_apps/data/climate_report_setup.html, 1635 bytes, 4 tape blocks
x ./adapt_apps/data/climate_reports_setup.gif, 16627 bytes, 33 tape blocks
x ./adapt_apps/data/climo_help.html, 2844 bytes, 6 tape blocks
x ./adapt_apps/data/clinwws.conf, 214 bytes, 1 tape blocks
x ./adapt_apps/data/column.gif, 8338 bytes, 17 tape blocks
x ./adapt_apps/data/confignwr.html, 2495 bytes, 5 tape blocks
x ./adapt_apps/data/confignwws.html, 1920 bytes, 4 tape blocks
x ./adapt_apps/data/configs.html, 5431 bytes, 11 tape blocks
x ./adapt_apps/data/control_am, 2059 bytes, 5 tape blocks
x ./adapt_apps/data/control_am_FAI, 2061 bytes, 5 tape blocks
x ./adapt_apps/data/control_am_MAR, 2061 bytes, 5 tape blocks

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x ./adapt_apps/data/control_am_MOR, 2061 bytes, 5 tape blocks
x ./adapt_apps/data/control_am_NWR, 2059 bytes, 5 tape blocks
x ./adapt_apps/data/control_am_NWWS, 2060 bytes, 5 tape blocks
x ./adapt_apps/data/control_am_SLC, 2061 bytes, 5 tape blocks
x ./adapt_apps/data/control_pm, 2059 bytes, 5 tape blocks
x ./adapt_apps/data/control_pm_EVE, 2061 bytes, 5 tape blocks
x ./adapt_apps/data/control_pm_FAI, 2061 bytes, 5 tape blocks
x ./adapt_apps/data/control_pm_NWR, 2059 bytes, 5 tape blocks
x ./adapt_apps/data/control_pm_NWWS, 2060 bytes, 5 tape blocks
x ./adapt_apps/data/control_pm_SLC, 2061 bytes, 5 tape blocks
x ./adapt_apps/data/default.html, 1584 bytes, 4 tape blocks
x ./adapt_apps/data/delete_climo_products.html, 3865 bytes, 8 tape blocks
x ./adapt_apps/data/delete_products.gif, 25919 bytes, 51 tape blocks
x ./adapt_apps/data/display.gif, 166788 bytes, 326 tape blocks
x ./adapt_apps/data/dotblue.gif, 204 bytes, 1 tape blocks
x ./adapt_apps/data/edit_climate.gif, 12728 bytes, 25 tape blocks
x ./adapt_apps/data/edit_data.gif, 156494 bytes, 306 tape blocks
x ./adapt_apps/data/edit_data.html, 3119 bytes, 7 tape blocks
x ./adapt_apps/data/execute_AM_PM_climate.html, 2768 bytes, 6 tape blocks
x ./adapt_apps/data/header_am_FAI, 692 bytes, 2 tape blocks
x ./adapt_apps/data/header_am_MAR, 692 bytes, 2 tape blocks
x ./adapt_apps/data/header_am_MOR, 692 bytes, 2 tape blocks
x ./adapt_apps/data/header_am_SLC, 692 bytes, 2 tape blocks
x ./adapt_apps/data/header_default, 671 bytes, 2 tape blocks
x ./adapt_apps/data/header_pm_EVE, 692 bytes, 2 tape blocks
x ./adapt_apps/data/header_pm_FAI, 692 bytes, 2 tape blocks
x ./adapt_apps/data/header_pm_SLC, 692 bytes, 2 tape blocks
x ./adapt_apps/data/helpnwr.html, 1129 bytes, 3 tape blocks
x ./adapt_apps/data/helpnwws.html, 1049 bytes, 3 tape blocks
x ./adapt_apps/data/hwrnwr.conf, 341 bytes, 1 tape blocks
x ./adapt_apps/data/hwrnwws.conf, 198 bytes, 1 tape blocks
x ./adapt_apps/data/import_climate.gif, 138302 bytes, 271 tape blocks
x ./adapt_apps/data/import_climate.html, 6933 bytes, 14 tape blocks
x ./adapt_apps/data/imported_data.gif, 191411 bytes, 374 tape blocks
x ./adapt_apps/data/initialize_climate.html, 4687 bytes, 10 tape blocks
x ./adapt_apps/data/missing.html, 1070 bytes, 3 tape blocks
x ./adapt_apps/data/norms_extremes1.gif, 65718 bytes, 129 tape blocks
x ./adapt_apps/data/norms_extremes2.gif, 152694 bytes, 299 tape blocks
x ./adapt_apps/data/nwr_config.gif, 46871 bytes, 92 tape blocks
x ./adapt_apps/data/nwws_config.gif, 14342 bytes, 29 tape blocks
x ./adapt_apps/data/oldxhwrnwr.conf, 2047 bytes, 4 tape blocks
x ./adapt_apps/data/product_properties.gif, 121110 bytes, 237 tape blocks
x ./adapt_apps/data/productnwr.html, 1258 bytes, 3 tape blocks

```

x ./adapt_apps/data/productnwws.html, 1160 bytes, 3 tape blocks
 x ./adapt_apps/data/report_format.gif, 209398 bytes, 409 tape blocks
 x ./adapt_apps/data/report_format.html, 6270 bytes, 13 tape blocks
 x ./adapt_apps/data/roundup_cloud.gif, 4846 bytes, 10 tape blocks
 x ./adapt_apps/data/select_products.gif, 53298 bytes, 105 tape blocks
 x ./adapt_apps/data/select_stations.gif, 33280 bytes, 65 tape blocks
 x ./adapt_apps/data/select_stations.html, 2557 bytes, 5 tape blocks
 x ./adapt_apps/data/station_am_FAI, 517 bytes, 2 tape blocks
 x ./adapt_apps/data/station_am_MAR, 434 bytes, 1 tape blocks
 x ./adapt_apps/data/station_am_MOR, 517 bytes, 2 tape blocks
 x ./adapt_apps/data/station_am_SLC, 185 bytes, 1 tape blocks
 x ./adapt_apps/data/station_pm_EVE, 517 bytes, 2 tape blocks
 x ./adapt_apps/data/station_pm_FAI, 517 bytes, 2 tape blocks
 x ./adapt_apps/data/station_pm_SLC, 517 bytes, 2 tape blocks
 x ./adapt_apps/data/threshnwr.html, 1625 bytes, 4 tape blocks
 x ./adapt_apps/data/threshnwws.html, 1090 bytes, 3 tape blocks
 x ./adapt_apps/data/tstm.gif, 5525 bytes, 11 tape blocks
 x ./adapt_apps/data/ver2icwf_help.html, 4443 bytes, 9 tape blocks
 x ./adapt_apps/data/ver_cutoff_help.html, 3137 bytes, 7 tape blocks
 x ./adapt_apps/data/ver_editor_help.html, 19844 bytes, 39 tape blocks
 x ./adapt_apps/data/ver_sta_setup_help.html, 12652 bytes, 25 tape blocks
 x ./adapt_apps/data/verifhelp.htm, 590 bytes, 2 tape blocks
 x ./adapt_apps/data/xhwrnwr, 3726 bytes, 8 tape blocks
 x ./adapt_apps/data/xhwrnwr.conf, 2126 bytes, 5 tape blocks
 x ./adapt_apps/data/xhwrnwws, 2402 bytes, 5 tape blocks
 x ./adapt_apps/data/xhwrnwws.conf, 1315 bytes, 3 tape blocks
 x ./adapt_apps/data/xver, 6098 bytes, 12 tape blocks

Convert Climate data files into a form usable for 4.3 . . . Wed Mar 8 15:56:58 GMT 2000

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Checking for temporary list files and deleting as necessary.

Saving list of control files to temporary files.

Looping through list of control_am files.

Copying control_am to control_am.b42 for backup.
Changing control_am for Climate Build 4.3

Copying control_am_FAI to control_am_FAI.b42 for backup.
Changing control_am_FAI for Climate Build 4.3

Copying control_am_MAR to control_am_MAR.b42 for backup.
Changing control_am_MAR for Climate Build 4.3

Copying control_am_MOR to control_am_MOR.b42 for backup.
Changing control_am_MOR for Climate Build 4.3

Copying control_am_NWR to control_am_NWR.b42 for backup.
Changing control_am_NWR for Climate Build 4.3

Copying control_am_NWWS to control_am_NWWS.b42 for backup.
Changing control_am_NWWS for Climate Build 4.3

Copying control_am_SLC to control_am_SLC.b42 for backup.
Changing control_am_SLC for Climate Build 4.3

Looping through list of control_pm files.

Copying control_pm to control_pm.b42 for backup.
Changing control_pm for Climate Build 4.3

Copying control_pm_EVE to control_pm_EVE.b42 for backup.
Changing control_pm_EVE for Climate Build 4.3

Copying control_pm_FAI to control_pm_FAI.b42 for backup.
Changing control_pm_FAI for Climate Build 4.3

Copying control_pm_NWR to control_pm_NWR.b42 for backup.
Changing control_pm_NWR for Climate Build 4.3

Copying control_pm_NWWS to control_pm_NWWS.b42 for backup.
Changing control_pm_NWWS for Climate Build 4.3

Copying control_pm_SLC to control_pm_SLC.b42 for backup.
Changing control_pm_SLC for Climate Build 4.3

Deleting temporary files.

All Climate 4.2 control files preserved as .b42 files.
Delete these when no longer needed.

If possible, changing permissions to 775 and 664 for climate data files.

Climate 4.3 install script exiting without incident.

Done with adapt_apps install, starting IFPS install . . . Wed Mar 8 15:57:05 GMT 2000

Undo the IFPS tar files . . . Wed Mar 8 15:57:19 GMT 2000

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Extracting the IFPS main tar file . . . Wed Mar 8 15:57:21 GMT 2000

Extracting the IFPS site tar file . . . Wed Mar 8 15:57:59 GMT 2000

Back up IFPS flat files . . . Wed Mar 8 15:58:01 GMT 2000

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Backup directory does not exist...creating it . . . Wed Mar 8 15:58:03 GMT 2000

Backing up ~ifps/Xdefaults . . . Wed Mar 8 15:58:03 GMT 2000

Backing up ~ifps/bin . . . Wed Mar 8 15:58:04 GMT 2000

Backing up ~ifps/crontab . . . Wed Mar 8 15:58:35 GMT 2000

Backing up ~ifps/data . . . Wed Mar 8 15:58:36 GMT 2000

Backing up ~ifps/database . . . Wed Mar 8 15:58:56 GMT 2000

Backing up ~ifps/eval . . . Wed Mar 8 15:58:56 GMT 2000

Back up IFPS databases . . . Wed Mar 8 15:58:58 GMT 2000

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backup_static: 18.1

backup_static: Saving tables in icwf_slc and the wwa_slc databases

backup_static: Removing the data tables. . .

Database selected.

DROP TABLE d1999110612;
Table dropped.

DROP TABLE d1999110700;
Table dropped.

DROP TABLE d1999110712;
Table dropped.

DROP TABLE d1999110800;
Table dropped.

Database closed.

backup_static: Saving data in icwf_slc. Please wait. . .

dbexport completed

backup_static: Saving data in wwa_slc. Please wait. . .

dbexport completed

logout

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Making necessary changes to icwf_ccc database . . . Wed Mar 8 15:59:48 GMT 2000
db_changes.sql Version: 23

Database selected.

```
--  
-- Alters the nwr_products table to add new column at the end  
--  
ALTER TABLE nwr_products ADD stt CHAR(4);  
Table altered.
```

```
ALTER TABLE nwr_products ADD ett CHAR(4);  
Table altered.
```

```
--  
-- Alters the intro_phrases table  
--  
ALTER TABLE intro_phrases MODIFY phrase VARCHAR(160,0);  
Table altered.
```

```
--  
-- Adds new column to station directory table  
DROP VIEW station_directory;  
View dropped.
```

```
CREATE VIEW station_directory AS
  SELECT geo_id, name, geo_region, timezone, elevation, pcid, pzid,
         pfzid, pmzid, lat_cntr, lon_cntr
  FROM geography_directry
  WHERE zcs_id = 'S';
View created.
```

```
REVOKE ALL ON station_directory FROM "public";
Permission revoked.
```

```
GRANT SELECT ON station_directory TO "public";
Permission granted.
```

```
--
-- All done!
--
CLOSE DATABASE;
Database closed.
```

Making necessary changes to wwa_ccc database . . . Mon Nov 8 14:56:53 GMT 1999
Begin alteration of the Watch, Warning and Advisory SLC's Database. . .

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Upgrade IFPS . . . Mon Nov 8 14:56:55 GMT 1999
Checking rollback variables.

Script: /awips/adapt/ifps/install/make_directories

The necessary directories for ICWF have been made!

Script: /awips/adapt/ifps/install/extract_z_files

The Z File: Xdefaults.tar.Z
Moving... Uncompressing... Extracting Tar File... Reading Instructions... Done
The Z File: bin.tar.Z
Moving... Uncompressing... Extracting Tar File... Reading Instructions... Done
The Z File: crontab.tar.Z
Moving... Uncompressing... Extracting Tar File... Reading Instructions... Done
The Z File: data.tar.Z
Moving... Uncompressing... Extracting Tar File... Reading Instructions... Done
The Z File: eval.tar.Z
Moving... Uncompressing... Extracting Tar File... Reading Instructions... Done
The Z File: help.tar.Z
Moving... Uncompressing... Extracting Tar File... Reading Instructions... Done
The Z File: infromx_scripts.tar.Z
Moving... Uncompressing... Extracting Tar File... Reading Instructions... Done
The Z File: lib.tar.Z
Moving... Uncompressing... Extracting Tar File... Reading Instructions... Done
The Z File: slc.tar.Z
Moving... Uncompressing... Extracting Tar File... Reading Instructions...

Database selected.

37 row(s) unloaded.

1 row(s) loaded.

Database closed.

Database selected.

1 row(s) loaded.

Database closed.

Done

those are the .tar.Z files

SHLIB_PATH was correctly modified in the env file.

Script: /awips/adapt/ifps/install/edit_text_script

Georemap_ccc Wwa_ccc

1

Editing: Georemap_ccc to Georemap_slc

Editing: Wwa_ccc to Wwa_slc

run_ifps start_servers

1

Editing: run_ifps to run_ifps

Editing: start_servers to start_servers

icwf-ccc.crontab not found

0

The text files have been edited!

Script: /awips/adapt/ifps/install/default_to_site

Script: /awips/adapt/ifps/install/set_site

Setting the ccc = slc for directory /awips/adapt/ifps/Xdefaults

Setting the ccc = slc for directory /awips/adapt/ifps/bin

Setting the ccc = slc for directory /awips/adapt/ifps/crontab

Setting the ccc = slc for directory /awips/adapt/ifps/data

Setting the ccc = slc for directory /awips/adapt/ifps/data/avneditor_bm

Setting the ccc = slc for directory /awips/adapt/ifps/data/climo

Setting the ccc = slc for directory /awips/adapt/ifps/data/combo_prefs.slc

Setting the ccc = slc for directory /awips/adapt/ifps/data/georemap_bm

Setting the ccc = slc for directory /awips/adapt/ifps/data/gmod_bm

Setting the ccc = slc for directory /awips/adapt/ifps/data/igr_bm

Setting the ccc = slc for directory /awips/adapt/ifps/data/master_bm

Setting the ccc = slc for directory /awips/adapt/ifps/data/slider

Setting the ccc = slc for directory /awips/adapt/ifps/database

Setting the ccc = slc for directory /awips/adapt/ifps/eval

Setting the ccc = slc for directory /awips/adapt/ifps/eval/bin

Setting the ccc = slc for directory /awips/adapt/ifps/eval/data

Setting the ccc = slc for directory /awips/adapt/ifps/eval/lib

Setting the ccc = slc for directory /awips/adapt/ifps/eval/lib/tcl7.6

Setting the ccc = slc for directory /awips/adapt/ifps/eval/lib/tk4.2

Setting the ccc = slc for directory /awips/adapt/ifps/eval/output

Setting the ccc = slc for directory /awips/adapt/ifps/graphics

Setting the ccc = slc for directory /awips/adapt/ifps/gribdata

Setting the ccc = slc for directory /awips/adapt/ifps/help

Setting the ccc = slc for directory /awips/adapt/ifps/informix_scripts

Setting the ccc = slc for directory /awips/adapt/ifps/lib

Setting the ccc = slc for directory /awips/adapt/ifps/log

Setting the ccc = slc for directory /awips/adapt/ifps/products

Setting the ccc = slc for directory /awips/adapt/ifps/products2
Setting the ccc = slc for directory /awips/adapt/ifps/products2/1103
Setting the ccc = slc for directory /awips/adapt/ifps/products2/11556
Setting the ccc = slc for directory /awips/adapt/ifps/products2/12364
Setting the ccc = slc for directory /awips/adapt/ifps/products2/12806
Setting the ccc = slc for directory /awips/adapt/ifps/products2/1534
Setting the ccc = slc for directory /awips/adapt/ifps/products2/15883
Setting the ccc = slc for directory /awips/adapt/ifps/products2/15943
Setting the ccc = slc for directory /awips/adapt/ifps/products2/16287
Setting the ccc = slc for directory /awips/adapt/ifps/products2/16496
Setting the ccc = slc for directory /awips/adapt/ifps/products2/16685
Setting the ccc = slc for directory /awips/adapt/ifps/products2/17305
Setting the ccc = slc for directory /awips/adapt/ifps/products2/17349
Setting the ccc = slc for directory /awips/adapt/ifps/products2/18592
Setting the ccc = slc for directory /awips/adapt/ifps/products2/19432
Setting the ccc = slc for directory /awips/adapt/ifps/products2/19455
Setting the ccc = slc for directory /awips/adapt/ifps/products2/19588
Setting the ccc = slc for directory /awips/adapt/ifps/products2/19760
Setting the ccc = slc for directory /awips/adapt/ifps/products2/20328
Setting the ccc = slc for directory /awips/adapt/ifps/products2/20624
Setting the ccc = slc for directory /awips/adapt/ifps/products2/21038
Setting the ccc = slc for directory /awips/adapt/ifps/products2/21164

Setting the ccc = slc for directory /awips/adapt/ifps/products2/22190
Setting the ccc = slc for directory /awips/adapt/ifps/products2/22485
Setting the ccc = slc for directory /awips/adapt/ifps/products2/23115
Setting the ccc = slc for directory /awips/adapt/ifps/products2/23167
Setting the ccc = slc for directory /awips/adapt/ifps/products2/23317
Setting the ccc = slc for directory /awips/adapt/ifps/products2/24408
Setting the ccc = slc for directory /awips/adapt/ifps/products2/25146
Setting the ccc = slc for directory /awips/adapt/ifps/products2/25899
Setting the ccc = slc for directory /awips/adapt/ifps/products2/26658
Setting the ccc = slc for directory /awips/adapt/ifps/products2/27389
Setting the ccc = slc for directory /awips/adapt/ifps/products2/27434
Setting the ccc = slc for directory /awips/adapt/ifps/products2/28365
Setting the ccc = slc for directory /awips/adapt/ifps/products2/29810
Setting the ccc = slc for directory /awips/adapt/ifps/products2/3139
Setting the ccc = slc for directory /awips/adapt/ifps/products2/3489
Setting the ccc = slc for directory /awips/adapt/ifps/products2/4197
Setting the ccc = slc for directory /awips/adapt/ifps/products2/4256
Setting the ccc = slc for directory /awips/adapt/ifps/products2/516
Setting the ccc = slc for directory /awips/adapt/ifps/products2/5231
Setting the ccc = slc for directory /awips/adapt/ifps/products2/5259
Setting the ccc = slc for directory /awips/adapt/ifps/products2/6268
Setting the ccc = slc for directory /awips/adapt/ifps/products2/898

Setting the ccc = slc for directory /awips/adapt/ifps/products2/9424

Setting the ccc = slc for directory /awips/adapt/ifps/testing

Done changing ccc to slc.

Setting File Permissions, owner, and group...

chmod: can't change e.sql: Not owner (IGNORE)

e.sql: Not owner

chmod: can't change icwf-slc.env.orig: Not owner (IGNORE)

chmod: can't change ifps-main.en: Not owner (IGNORE)

chmod: can't change run_ifps2: Not owner (IGNORE)

chmod: can't change unpack_grib_afos: Not owner (IGNORE)

icwf-slc.env.orig: Not owner

ifps-main.en: Not owner

run_ifps2: Not owner

unpack_grib_afos: Not owner

chmod: can't change brdrpts_zone_dfm.slc.original: Not owner (IGNORE)

chmod: can't access *

brdrpts_zone_dfm.slc.original: Not owner

The permissions have been set!

There are no miscellaneous IFPS database changes for Build 4.3.

The ICWF has been upgraded!

Done with IFPS install . . . Wed Mar 8 16:03:45 GMT 2000

The ADAPPT install/upgrade/deinstall is finished . . . Wed Mar 8 16:03:45 GMT 2000

Adding TSFP cron information to icwf-slc.crontab file...

Done Upgrading to ADAPT 4.3...

ds1-tbdw:root:357# **cd /awips/adapt/ifps/bin**

ds1-tbdw:root:358# **chown ifps:awips ***

ds1-tbdw:root:360# **./stopscript**

Script done, file is -a /home/ncfuser/installADAPT43.out

5.0 PART 5: Install FAX/System Script Output:

5.1 Error Information:

The following error messages can be **IGNORED**:

1. /awips/ops/lost+found: No such file or directory
chmod: can't access /awips/ops/lost+found
2. Error in packet.
Reason: There is no such variable name in this MIB.
This name doesn't exist: 165.92.29.182.1
3. grep: can't open NO_FILE
4. Could not open marineArea.sup as depictor file.
5. Could not read grid202#1536#1008~conusSLC_#1201#897
as MapDepictor in ImageTable::readImageTable
6. find: cannot search ./990723

Please do **NOT** use <CTL-C> from ANY of the steps during the installation.

If you encounter any unexpected errors, please **call the NCF immediately BEFORE taking any action and DO NOT PROCEED.**

5.2 Sample Script Output “install43.out”:

Script started on Wed Mar 8 17:00:32 2000
ds1-tbdw:root:341# *./installR4.3*

Killing hostagt and cpConfigagt on all machines...

Updating /awips/ops on ds1...
Updating /awips/ops on ds2...
Updating /awips/ops on as1...
Updating /awips/ops on as2...
Updating /awips/ops on ws1-tbdw...
Updating /awips/ops on ws2-tbdw...
Updating /awips/ops on ws3-tbdw...
Updating /awips/ops on ws4-tbdw...
Updating /awips/ops on ws5-tbdw...

Updating /awips/hprt on ds1...
Updating /home/awipsadm on ds1...
Backing up old mtalist...
Installing mtalist...

Updating /etc/issue on ds1...
Updating /etc/issue on ds2...
Updating /etc/issue on as1...
Updating /etc/issue on as2...
Updating /etc/issue on ws1-tbdw...
Updating /etc/issue on ws2-tbdw...
Updating /etc/issue on ws3-tbdw...
Updating /etc/issue on ws4-tbdw...
Updating /etc/issue on ws5-tbdw...
Updating /etc/issue on ls1...

Fixing permissions and ownership for /awips/ops on ds1...

/awips/ops/lost+found: No such file or directory (IGNORE)
chmod: can't access /awips/ops/lost+found (IGNORE)

Fixing permissions and ownership for /awips/ops on ds2...

/awips/ops/lost+found: No such file or directory (IGNORE)
/awips/ops/lost+found: No such file or directory (IGNORE)
chmod: can't access /awips/ops/lost+found (IGNORE)
chmod: can't access /awips/ops/lost+found (IGNORE)

Fixing permissions and ownership for /awips/ops on as1...

/awips/ops/lost+found: No such file or directory (IGNORE)
chmod: can't access /awips/ops/lost+found (IGNORE)

Fixing permissions and ownership for /awips/ops on as2...

/awips/ops/lost+found: No such file or directory (IGNORE)
chmod: can't access /awips/ops/lost+found (IGNORE)

Fixing permissions and ownership for /awips/ops on ws1-tbdw...

/awips/ops/lost+found: No such file or directory (IGNORE)
chmod: can't access /awips/ops/lost+found (IGNORE)

Fixing permissions and ownership for /awips/ops on ws2-tbdw...

Fixing permissions and ownership for /awips/ops on ws3-tbdw...

/awips/ops/lost+found: No such file or directory (IGNORE)
chmod: can't access /awips/ops/lost+found (IGNORE)

Fixing permissions and ownership for /awips/ops on ws4-tbdw...

/awips/ops/lost+found: No such file or directory (IGNORE)
chmod: can't access /awips/ops/lost+found (IGNORE)

Fixing permissions and ownership for /awips/ops on ws5-tbdw...

Starting cpConfigagt and hostagt on all machines...

Starting Install

(For DS1)

What kind of site is this?

1. WFO
2. RFC
3. Co-located WFO
4. OCONUS WFO
5. OCONUS RFC
6. NCF

Please select one of the above (1-6):

What is the sitename of the NCF? (default=ancf)

At this site, how many local DEMODs are accessible via the AWIPS Xyplex terminal server? (0|2|3|4):

Does this site process 4th channel data? (y|n):

The following are the configuration variables derived for this site
(please review them for correctness):

NCF Hosts:	"as1-ancf as2-ancf"
AWIPS Site Name:	"tbdw"
Application server:	"as1-tbdw"
Backup application server:	"as2-tbdw"
Application servers:	"as1-tbdw as2-tbdw"
Data server:	"ds1-tbdw"
Backup data server:	"ds2-tbdw"
Data servers:	"ds1-tbdw ds2-tbdw"
Workstations:	"ws1-tbdw ws2-tbdw ws3-tbdw ws4-tbdw ws5-tbdw"
Communications processors:	"cpsbn1-tbdw cpsbn2-tbdw cpsync1-tbdw cpsync2-tbdw"
Top level manager (and ip address):	"ds2-tbdw (165.92.29.136)"
Site level manager (and ip address):	"as1-tbdw (165.92.29.131)"
NCF chronometer device manager ip address:	"165.92.30.68"

hit <ENTER> to continue

Using tbdw as Site Identifier

Shutdown Connection: disconnected from master agent at line 453 in file subagent.c

x signal_ext/libsignal_ext.sl, 28736 bytes, 57 tape blocks
x signal_ext/pkgIndex.tcl, 570 bytes, 2 tape blocks
x tnm2.1.7/library/README, 1228 bytes, 3 tape blocks
x tnm2.1.7/library/dialog.tcl, 13659 bytes, 27 tape blocks
x tnm2.1.7/library/init.tcl, 3636 bytes, 8 tape blocks
x tnm2.1.7/library/monitor.tcl, 7776 bytes, 16 tape blocks
x tnm2.1.7/library/obsolete.tcl, 964 bytes, 2 tape blocks
x tnm2.1.7/library/output.tcl, 14514 bytes, 29 tape blocks
x tnm2.1.7/library/snmp.tcl, 10963 bytes, 22 tape blocks
x tnm2.1.7/library/tclIndex, 4345 bytes, 9 tape blocks
x tnm2.1.7/pkgIndex.tcl, 83 bytes, 1 tape blocks
x tnm2.1.7/site/init.tcl, 28 bytes, 1 tape blocks
x tnm2.1.7.sl, 337516 bytes, 660 tape blocks

Copying MC/ServiceGuard scripts to /etc/cmcluster....

Running CP_Reconfigure

165.92.29.180.1 = "sbn" Hex: 73 62 6E

165.92.29.180.2 = "sbn" Hex: 73 62 6E

165.92.29.181.1 = "sbn" Hex: 73 62 6E

165.92.29.181.2 = "sbn" Hex: 73 62 6E

Error in packet.

(IGNORE)

Reason: There is no such variable name in this MIB.

This name doesn't exist: 165.92.29.182.1

Error in packet.

(IGNORE)

Reason: There is no such variable name in this MIB.

This name doesn't exist: 165.92.29.182.2

165.92.29.181.1 = "sbn" Hex: 73 62 6E

165.92.29.181.2 = "sbn" Hex: 73 62 6E

Error in packet.

(IGNORE)

Reason: There is no such variable name in this MIB.

This name doesn't exist: 165.92.29.183.1

Error in packet.

(IGNORE)

Reason: There is no such variable name in this MIB.

This name doesn't exist: 165.92.29.184.1

165.92.29.190.1 = "sync" Hex: 73 79 6E 63

165.92.29.191.1 = "sync" Hex: 73 79 6E 63

Error in packet.

(IGNORE)

Reason: There is no such variable name in this MIB.

This name doesn't exist: 165.92.29.195.1

Done running CP_Reconfigure.

Done Install.

Starting Install

(For DS2)

What kind of site is this?

1. WFO
2. RFC
3. Co-located WFO
4. OCONUS WFO
5. OCONUS RFC
6. NCF

Please select one of the above (1-6):

What is the sitename of the NCF? (default=ancf)

At this site, how many local DEMODs are accessible via the AWIPS Xyplex terminal server? (0|2|3|4):

Does this site process 4th channel data? (y|n):

The following are the configuration variables derived for this site
(please review them for correctness):

NCF Hosts:	"as1-ancf as2-ancf"
AWIPS Site Name:	"tbdw"
Application server:	"as1-tbdw"
Backup application server:	"as2-tbdw"
Application servers:	"as1-tbdw as2-tbdw"
Data server:	"ds1-tbdw"
Backup data server:	"ds2-tbdw"
Data servers:	"ds1-tbdw ds2-tbdw"

Workstations: "ws1-tbdw ws2-tbdw ws3-tbdw ws4-tbdw ws5-tbdw"
Communications processors: "cpsbn1-tbdw cpsbn2-tbdw cpsync1-tbdw
cpsync2-tbdw"
Top level manager (and ip address): "ds2-tbdw (165.92.29.136)"
Site level manager (and ip address): "as1-tbdw (165.92.29.131)"
NCF chronometer device manager ip address: "165.92.30.68"

hit <ENTER> to continue

x signal_ext/libsignal_ext.sl, 28736 bytes, 57 tape blocks
x signal_ext/pkgIndex.tcl, 570 bytes, 2 tape blocks
x tnm2.1.7/library/README, 1228 bytes, 3 tape blocks
x tnm2.1.7/library/dialog.tcl, 13659 bytes, 27 tape blocks
x tnm2.1.7/library/init.tcl, 3636 bytes, 8 tape blocks
x tnm2.1.7/library/monitor.tcl, 7776 bytes, 16 tape blocks
x tnm2.1.7/library/obsolete.tcl, 964 bytes, 2 tape blocks
x tnm2.1.7/library/output.tcl, 14514 bytes, 29 tape blocks
x tnm2.1.7/library/snmp.tcl, 10963 bytes, 22 tape blocks
x tnm2.1.7/library/tclIndex, 4345 bytes, 9 tape blocks
x tnm2.1.7/pkgIndex.tcl, 83 bytes, 1 tape blocks
x tnm2.1.7/site/init.tcl, 28 bytes, 1 tape blocks
x tnm2.1.7.sl, 337516 bytes, 660 tape blocks

Copying MC/ServiceGuard scripts to /etc/cmcluster....

Running CP_Reconfigure

165.92.29.180.1 = "sbn" Hex: 73 62 6E

165.92.29.180.2 = "sbn" Hex: 73 62 6E

165.92.29.181.1 = "sbn" Hex: 73 62 6E

165.92.29.181.2 = "sbn" Hex: 73 62 6E

Error in packet.

(IGNORE)

Reason: There is no such variable name in this MIB.

This name doesn't exist: 165.92.29.182.1

Error in packet.

(IGNORE)

Reason: There is no such variable name in this MIB.

This name doesn't exist: 165.92.29.182.2

165.92.29.181.1 = "sbn" Hex: 73 62 6E

165.92.29.181.2 = "sbn" Hex: 73 62 6E

Error in packet.

(IGNORE)

Reason: There is no such variable name in this MIB.

This name doesn't exist: 165.92.29.183.1

Error in packet. (IGNORE)
Reason: There is no such variable name in this MIB.
This name doesn't exist: 165.92.29.184.1

165.92.29.190.1 = "sync" Hex: 73 79 6E 63

165.92.29.191.1 = "sync" Hex: 73 79 6E 63

Error in packet. (IGNORE)
Reason: There is no such variable name in this MIB.
This name doesn't exist: 165.92.29.195.1

Done running CP_Reconfigure.

Done Install.

Starting Install (For AS1)

What kind of site is this?

1. WFO
2. RFC
3. Co-located WFO
4. OCONUS WFO
5. OCONUS RFC
6. NCF

Please select one of the above (1-6):

What is the sitename of the NCF? (default=ancf)

At this site, how many local DEMODs are accessible via the AWIPS Xyplex terminal server? (0|2|3|4):

Does this site process 4th channel data? (y|n):

The following are the configuration variables derived for this site
(please review them for correctness):

NCF Hosts:	"as1-ancf as2-ancf"
AWIPS Site Name:	"tbdw"
Application server:	"as1-tbdw"
Backup application server:	"as2-tbdw"

Application servers: "as1-tbdw as2-tbdw"
Data server: "ds1-tbdw"
Backup data server: "ds2-tbdw"
Data servers: "ds1-tbdw ds2-tbdw"
Workstations: "ws1-tbdw ws2-tbdw ws3-tbdw ws4-tbdw ws5-tbdw"
Communications processors: "cpsbn1-tbdw cpsbn2-tbdw cpsync1-tbdw
cpsync2-tbdw"
Top level manager (and ip address): "ds2-tbdw (165.92.29.136)"
Site level manager (and ip address): "as1-tbdw (165.92.29.131)"
NCF chronometer device manager ip address: "165.92.30.68"

hit <ENTER> to continue
Copying MC/ServiceGuard scripts to /etc/cmcluster....
Done Install.

Starting Install

(For AS2)

What kind of site is this?

1. WFO
2. RFC
3. Co-located WFO
4. OCONUS WFO
5. OCONUS RFC
6. NCF

Please select one of the above (1-6):

What is the sitename of the NCF? (default=ancf)

At this site, how many local DEMODs are accessible via the AWIPS Xyplex terminal server? (0|2|3|4):

Does this site process 4th channel data? (y|n):

The following are the configuration variables derived for this site
(please review them for correctness):

NCF Hosts: "as1-ancf as2-ancf"
AWIPS Site Name: "tbdw"
Application server: "as1-tbdw"
Backup application server: "as2-tbdw"
Application servers: "as1-tbdw as2-tbdw"
Data server: "ds1-tbdw"
Backup data server: "ds2-tbdw"
Data servers: "ds1-tbdw ds2-tbdw"
Workstations: "ws1-tbdw ws2-tbdw ws3-tbdw ws4-tbdw ws5-tbdw"
Communications processors: "cpsbn1-tbdw cpsbn2-tbdw cpsync1-tbdw
cpsync2-tbdw"
Top level manager (and ip address): "ds2-tbdw (165.92.29.136)"
Site level manager (and ip address): "as1-tbdw (165.92.29.131)"
NCF chronometer device manager ip address: "165.92.30.68"

hit <ENTER> to continue
Copying MC/ServiceGuard scripts to /etc/cmcluster....
Done Install.

Starting Install

(For WS1)

What kind of site is this?

1. WFO
2. RFC
3. Co-located WFO
4. OCONUS WFO
5. OCONUS RFC
6. NCF

Please select one of the above (1-6):

What is the sitename of the NCF? (default=ancf)

At this site, how many local DEMODs are accessible via the AWIPS Xyplex terminal server? (0|2|3|4):

Does this site process 4th channel data? (y|n):

The following are the configuration variables derived for this site
(please review them for correctness):

NCF Hosts: "as1-ancf as2-ancf"
AWIPS Site Name: "tbdw"
Application server: "as1-tbdw"
Backup application server: "as2-tbdw"
Application servers: "as1-tbdw as2-tbdw"
Data server: "ds1-tbdw"
Backup data server: "ds2-tbdw"
Data servers: "ds1-tbdw ds2-tbdw"
Workstations: "ws1-tbdw ws2-tbdw ws3-tbdw ws4-tbdw ws5-tbdw"
Communications processors: "cpsbn1-tbdw cpsbn2-tbdw cpsync1-tbdw
cpsync2-tbdw"
Top level manager (and ip address): "ds2-tbdw (165.92.29.136)"
Site level manager (and ip address): "as1-tbdw (165.92.29.131)"
NCF chronometer device manager ip address: "165.92.30.68"

hit <ENTER> to continue

Done Install.

Starting Install

(For WS2)

What kind of site is this?

1. WFO
2. RFC
3. Co-located WFO
4. OCONUS WFO
5. OCONUS RFC
6. NCF

Please select one of the above (1-6):

What is the sitename of the NCF? (default=ancf)

At this site, how many local DEMODs are accessible via the AWIPS Xyplex terminal
server? (0|2|3|4):

Does this site process 4th channel data? (y/n):

The following are the configuration variables derived for this site
(please review them for correctness):

NCF Hosts: "as1-ancf as2-ancf"
AWIPS Site Name: "tbdw"
Application server: "as1-tbdw"
Backup application server: "as2-tbdw"
Application servers: "as1-tbdw as2-tbdw"
Data server: "ds1-tbdw"
Backup data server: "ds2-tbdw"
Data servers: "ds1-tbdw ds2-tbdw"
Workstations: "ws1-tbdw ws2-tbdw ws3-tbdw ws4-tbdw ws5-tbdw"
Communications processors: "cpsbn1-tbdw cpsbn2-tbdw cpsync1-tbdw
cpsync2-tbdw"
Top level manager (and ip address): "ds2-tbdw (165.92.29.136)"
Site level manager (and ip address): "as1-tbdw (165.92.29.131)"
NCF chronometer device manager ip address: "165.92.30.68"

hit <ENTER> to continue

Done Install.

Starting Install

(For WS3)

What kind of site is this?

1. WFO
2. RFC
3. Co-located WFO
4. OCONUS WFO
5. OCONUS RFC
6. NCF

Please select one of the above (1-6):

What is the sitename of the NCF? (default=ancf)

At this site, how many local DEMODs are accessible via the AWIPS Xyplex terminal server? (0|2|3|4):

Does this site process 4th channel data? (y|n):

The following are the configuration variables derived for this site (please review them for correctness):

NCF Hosts: "as1-ancf as2-ancf"
AWIPS Site Name: "tbdw"
Application server: "as1-tbdw"
Backup application server: "as2-tbdw"
Application servers: "as1-tbdw as2-tbdw"
Data server: "ds1-tbdw"
Backup data server: "ds2-tbdw"
Data servers: "ds1-tbdw ds2-tbdw"
Workstations: "ws1-tbdw ws2-tbdw ws3-tbdw ws4-tbdw ws5-tbdw"
Communications processors: "cpsbn1-tbdw cpsbn2-tbdw cpsync1-tbdw cpsync2-tbdw"
Top level manager (and ip address): "ds2-tbdw (165.92.29.136)"
Site level manager (and ip address): "as1-tbdw (165.92.29.131)"
NCF chronometer device manager ip address: "165.92.30.68"

hit <ENTER> to continue

Done Install.

Starting Install

(For WS4)

What kind of site is this?

1. WFO
2. RFC
3. Co-located WFO
4. OCONUS WFO
5. OCONUS RFC
6. NCF

Please select one of the above (1-6):

What is the sitename of the NCF? (default=ancf)

At this site, how many local DEMODs are accessible via the AWIPS Xyplex terminal server? (0|2|3|4):

Does this site process 4th channel data? (y|n):

The following are the configuration variables derived for this site
(please review them for correctness):

NCF Hosts: "as1-ancf as2-ancf"
AWIPS Site Name: "tbdw"
Application server: "as1-tbdw"
Backup application server: "as2-tbdw"
Application servers: "as1-tbdw as2-tbdw"
Data server: "ds1-tbdw"
Backup data server: "ds2-tbdw"
Data servers: "ds1-tbdw ds2-tbdw"
Workstations: "ws1-tbdw ws2-tbdw ws3-tbdw ws4-tbdw ws5-tbdw"
Communications processors: "cpsbn1-tbdw cpsbn2-tbdw cpsync1-tbdw
cpsync2-tbdw"
Top level manager (and ip address): "ds2-tbdw (165.92.29.136)"
Site level manager (and ip address): "as1-tbdw (165.92.29.131)"
NCF chronometer device manager ip address: "165.92.30.68"

hit <ENTER> to continue

Done Install.

Starting Install

(For WS5)

What kind of site is this?

1. WFO
2. RFC
3. Co-located WFO
4. OCONUS WFO
5. OCONUS RFC
6. NCF

Please select one of the above (1-6):

What is the sitename of the NCF? (default=ancf)

At this site, how many local DEMODs are accessible via the AWIPS Xyplex terminal server? (0|2|3|4):

Does this site process 4th channel data? (y|n):

The following are the configuration variables derived for this site
(please review them for correctness):

NCF Hosts:	"as1-ancf as2-ancf"
AWIPS Site Name:	"tbdw"
Application server:	"as1-tbdw"
Backup application server:	"as2-tbdw"
Application servers:	"as1-tbdw as2-tbdw"
Data server:	"ds1-tbdw"
Backup data server:	"ds2-tbdw"
Data servers:	"ds1-tbdw ds2-tbdw"
Workstations:	"ws1-tbdw ws2-tbdw ws3-tbdw ws4-tbdw ws5-tbdw"
Communications processors:	"cpsbn1-tbdw cpsbn2-tbdw cpsync1-tbdw cpsync2-tbdw"
Top level manager (and ip address):	"ds2-tbdw (165.92.29.136)"
Site level manager (and ip address):	"as1-tbdw (165.92.29.131)"
NCF chronometer device manager ip address:	"165.92.30.68"

hit <ENTER> to continue

Done Install.

Updating /awips/fxa on ds1...

**(Be patient! It will take about 15 minutes to
copy new software from R4.3.1 CD to DS1)**

Localizing ds1...

installing from root account

Mon Nov 8 15:18:00 GMT 1999 - Beginning install

Mon Nov 8 15:18:00 GMT 1999 - Updating file access protections

Mon Nov 8 15:18:03 GMT 1999 - Checking for data and log directories
Mon Nov 8 15:18:03 GMT 1999 - Creating Data directory structure
Mon Nov 8 15:18:11 GMT 1999 - **main localization starting**

Warning!!!!!!!!!!

**A permanent change to the values for FXA_CUSTOM_FILES and/or
FXA_CUSTOM_VERSION is being implemented. You may need to
run an entire localization to insure that the localization data set is internally consistent.
Some additional tasks may run now even if not requested.
Results of this localization not being logged.**

performing localization for SLC with the following steps:
dataSups scales clipSups tables text tdl topo grids radar maps wwa station dirs auxFiles trigger
LOCAL_WFO=SLC INGEST_SITE=SLC INGEST_WFO=SLC
FXA_CUSTOM_FILES is /data/fxa/customFiles
running makeGridSourceTable.csh
Wildcarding source ECMF1
grep: can't open NO_FILE (IGNORE)
Wildcarding source UKMET37
gridSourceTable has been updated
makeGridSourceTable done.
running makeDataSups.csh
makeDataSups done.
running makeScales.csh
here are the corners of the N. Hemi. scale.
-9.702374 121.884315 -10.369892 27.487919
-13.893299 -147.641144 -14.460216 -61.730839
here are the corners of the N. Amer. scale.
44.530048 158.911621 40.550247 -9.461442
4.203510 -131.641739 3.021197 -76.108482
here are the corners of the CONUS scale.
53.589180 -143.960144 56.363174 -61.412315
15.904987 -129.076645 18.154600 -71.911880
here are the corners of the Regional scale.
46.558605 -128.027740 49.132118 -102.856590
28.944925 -122.903275 31.306929 -101.601379
here are the corners of the State(s) scale.
43.041275 -118.794624 44.112564 -107.956932
35.042339 -117.034706 36.073898 -106.986107
here are the corners of the WFO scale.
42.439178 -115.202087 42.440113 -107.893501
37.051407 -114.925423 37.052227 -108.167900
makeScales done.

making ingest scales.
running makeScales.csh
running makeClipSups.csh
STOP 160
ingest scales done.
running assembleTables.csh
Using WEST satellite.
assembleTables done.
running makeTextKeys.csh
makeTextKeys done.
running makeTopoFiles.csh
makeTopoFiles done.
running updateGridFiles.csh
made: RUC.topo
made: LAPS.topo
made: grid229.topo
made: clip212.topo
made: clip215.topo
made: llNorth.topo
made: llNorth150.topo
made: grid233.topo
made: LAMP.topo
topo done
grib tables done
made template for eta211.cdl
made template for ruc211.cdl
made template for laps.cdl
made template for ngm211.cdl
made template for nogaps.cdl
made template for ngm213.cdl
made template for ngm202.cdl
made template for mesoEta212.cdl
made template for mesoEta215.cdl
made template for eta212.cdl
made template for ecmfNH.cdl
made template for ukmetNH.cdl
made template for gww233.cdl
made template for lampGrid2931.cdl
cdlTemplates done
virtualFieldTable.txt has been updated
dataLevelTypeTable.txt has been updated
dataFieldTable.txt has been updated
gridPlaneTable.txt has been updated

comparisonFields.txt has been updated
arrowStyle.rules has been preserved
contourStyle.rules has been updated
graphStyle.rules has been preserved
gridImageStyle.rules has been updated
iconStyle.rules has been preserved
running testGridKeyServer for lat/lon baselines
running makeGridKeyTables
running processStyleInfo
Posting families to the main menu
running testGridKeyServer for browser menus
updateGridFiles done.
running updateRadarFiles.ksh
genRadarDataKeys kftg done!
genRadarDataKeys kddc done!
genRadarDataKeys kicx done!
genRadarDataKeys kmtx done!
genRadarDataKeys kcbx done!
genRadarDataKeys kama done!
genRadarDataKeys klbb done!
genRadarDataKeys kfsx done!
genRadarDataKeys kabx done!
genRadarDataKeys kesx done!
genRadarDataKeys kcys done!
genRadarDataKeys kgjx done!
genRadarDataKeys kriw done!
genRadarDataKeys kcri done!
genRadarDepictKeys kftg done!
genRadarDepictKeys kddc done!
genRadarDepictKeys kicx done!
genRadarDepictKeys kmtx done!
genRadarDepictKeys kcbx done!
genRadarDepictKeys kama done!
genRadarDepictKeys klbb done!
genRadarDepictKeys kfsx done!
genRadarDepictKeys kabx done!
genRadarDepictKeys kesx done!
genRadarDepictKeys kcys done!
genRadarDepictKeys kgjx done!
genRadarDepictKeys kriw done!
genRadarDepictKeys kcri done!
genRadarDataMenus kicx done!
genRadarDataMenus kmtx done!

genRadarDataMenus kgjx done!
genRadarDataMenus kriw done!
genRadarDataMenus kabx done!
genRadarDataMenus kesx done!
genRadarDataMenus kcbx done!
genRadarDataMenus kfsx done!
genRadarDataMenus kcys done!
genRadarDataMenus kftg done!
genRadarDataMenus kcri done!
genRadarDataMenus kddc done!
genRadarDataMenus kama done!
genRadarDataMenus klbb done!
genRadarProdButtonInfo kicx done!
genRadarProdButtonInfo kmtx done!
genRadarProdButtonInfo kgjx done!
genRadarProdButtonInfo kriw done!
genRadarProdButtonInfo kabx done!
genRadarProdButtonInfo kesx done!
genRadarProdButtonInfo kcbx done!
genRadarProdButtonInfo kfsx done!
genRadarProdButtonInfo kcys done!
genRadarProdButtonInfo kftg done!
genRadarProdButtonInfo kcri done!
genRadarProdButtonInfo kddc done!
genRadarProdButtonInfo kama done!
genRadarProdButtonInfo klbb done!
recreating radarImageStyle.txt
yes, include radar mosaics
Creating the WMO radar acq file
KSLC is the local site
KSLC is the local site
updateRadarFiles done.
running createTdlRadarFiles.csh
tdlRadar files done.
running makeMapFiles.csh
makeMapFiles done.
running makeWWAtables.csh
new county warning area table created
new wsfo area table created
building warning county table
building regional county table
building default zones table
building regional zones table

building default marine zones table

building regional marine table

building time zones table

Could not open marineArea.sup as depictor file.

(IGNORE)

makeWWAtables done.

running makeStationFiles.csh

using regionalScale for cities

using regionalScale for cities

makeStationFiles done.

running createTdlFiles.csh

tdl files done.

creating directories

new version of /data/fxa/Grid/SBN/netCDF/CONUS211/Eta/template

new version of /data/fxa/Grid/SBN/netCDF/CONUS211/RUC/template

new version of /data/fxa/Grid/FSL/netCDF/LAPS_Grid/LAPS/template

new version of /data/fxa/Grid/SBN/netCDF/CONUS211/NGM/template

new version of /data/fxa/Grid/SBN/netCDF/LATLON/NOGAPS/template

new version of /data/fxa/Grid/SBN/netCDF/CONUS213/NGM/template

new version of /data/fxa/Grid/SBN/netCDF/CONUS202/NGM/template

new version of /data/fxa/Grid/SBN/netCDF/CONUS212/MesoEta/template

new version of /data/fxa/Grid/SBN/netCDF/CONUS215/MesoEta/template

new version of /data/fxa/Grid/SBN/netCDF/CONUS212/Eta/template

new version of /data/fxa/Grid/SBN/netCDF/LATLON/ECMWF/template

new version of /data/fxa/Grid/SBN/netCDF/LATLON/UKMET/template

new version of /data/fxa/Grid/SBN/netCDF/REG233/GWW/template

directories done.

running createAuxFiles.csh

Beginning local site modifications for Hydrological data ingest...

...local site modifications for Hydrological data ingest complete

The file 'radarLoc.txt' has been created for the radar kicx.

The file 'radarLoc.txt' has been created for the radar kmtx.

The file 'radarLoc.txt' has been created for the radar kgjx.

The file 'radarLoc.txt' has been created for the radar kriw.

The file 'radarLoc.txt' has been created for the radar kabx.

The file 'radarLoc.txt' has been created for the radar kesx.

The file 'radarLoc.txt' has been created for the radar kcbx.

The file 'radarLoc.txt' has been created for the radar kfsx.

The file 'radarLoc.txt' has been created for the radar kcys.

The file 'radarLoc.txt' has been created for the radar kftg.

The file 'radarLoc.txt' has been created for the radar kddc.

The file 'radarLoc.txt' has been created for the radar kama.
The file 'radarLoc.txt' has been created for the radar klbb.
sitefinder: The file 'sites.dat' was created for the radar kicx.
sitefinder: The file 'sites.dat' was created for the radar kmtx.
sitefinder: The file 'sites.dat' was created for the radar kgjx.
sitefinder: The file 'sites.dat' was created for the radar kriw.
sitefinder: The file 'sites.dat' was created for the radar kabx.
sitefinder: The file 'sites.dat' was created for the radar kesx.
sitefinder: The file 'sites.dat' was created for the radar kcbx.
sitefinder: The file 'sites.dat' was created for the radar kfsx.
sitefinder: The file 'sites.dat' was created for the radar kcys.
sitefinder: The file 'sites.dat' was created for the radar kftg.
sitefinder: The file 'sites.dat' was created for the radar kcri.
sitefinder: The file 'sites.dat' was created for the radar kddc.
sitefinder: The file 'sites.dat' was created for the radar kama.
sitefinder: The file 'sites.dat' was created for the radar klbb.
aux files done.

running fxatextTriggerConfig.sh

Setting up informix triggers...

...reading ldad trigger info for SLC

fixing ldadSiteConfig file

Calling ldad perl script

...no ldad site backup triggers specified for SLC

...reading hydro trigger info for SLC

id is Wxxx , string is

KSLC|KGJT|KLND|KRIW|KPIH|KEKO|KLKN|KLAS|KVEF|KFLG|KFGZ|KSCS|KZLC|KZLA|
KZDV

id is Rxxx , string is KSLR|KSTR|KSLC

id is RegCode , string is 2

id is www , string is SLC

id is , string is

...reading adapt trigger info for SLC

id is www , string is ABQ

id is www , string is PHX

id is www , string is DEN

id is www , string is BOI

id is www , string is CYS

id is www , string is RNO

id is www , string is SLC

id is , string is

...reading adapt trigger info for SLC

id is www , string is ABQ

id is www , string is PHX
id is www , string is DEN
id is www , string is BOI
id is www , string is CYS
id is www , string is RNO
id is www , string is SLC
id is , string is
...reading site fax trigger info for SLC
...no fax triggers specified for SLC

Removing old and installing new triggers...
Setting up triggers for LDAD text data...

If there are no triggers currently set, you'll see two pairs of errors
(674/111, 206/111) a few lines down. They do not indicate a problem.

Database selected.

Routine dropped.

Table dropped.

Table created.

Routine created.

Permission granted.

Trigger created.

197 row(s) loaded.

Database closed.

Trigger Setup Completed.
Trigger installation complete.
triggerScript done.

removing outdated mapping tables
removing files redundant to the national data set
making all localization data set files group writable
Changing permissions and ownership to fxa

**(Be patient! It will take about 5
to 40 minutes to complete.)**

Cleaning up /awips/fxa/bin on ds1...
Wed Mar 8 17:58:56 GMT 2000 - **Done with first part of install**

Copying updated radarSchedDistInfo.txt to /data/fxa/workFiles/wanMsgHandling...
Copying updated rcv_action2codes.txt to /data/fxa/workFiles/wanMsgHandling...

Updating the fxatext database...

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Creating, loading, and updating nodedistance table.

Calling Informix dbaccess. Messages follow:

96 row(s) updated.
96 row(s) updated.
87 row(s) updated.
9 row(s) updated.
96 row(s) updated.

No errors detected. See updatefxatext_99a.LOG
Exiting...

logout

Pushing out wfoa to servers...
Pushing WFOA to ds2 as1 as2

Running post install on this node (ds1-tbdw)

installing from root account

Mon Nov 8 16:07:39 GMT 1999 - Beginning post installation on ds1-tbdw

Mon Nov 8 16:07:39 GMT 1999 - Setting up .cshrc, .login, and environment variable files

Mon Nov 8 16:07:40 GMT 1999 - Modifying fxa-data.purge based on dedicated radars in
radarsInUse.txt

Adding radar/kmtx to fxa-data.purge

Adding radar/kftg to fxa-data.purge

Adding radar/kcri to fxa-data.purge

Mon Nov 8 16:07:43 GMT 1999 - Linking apitcfg.bin to apitcfg1.bin

Mon Nov 8 16:07:43 GMT 1999 - Linking icptcfg.bin to icptcfg1.bin

Mon Nov 8 16:07:43 GMT 1999 - Modifying ownership and permission for wfoApiRenice

Mon Nov 8 16:07:43 GMT 1999 - Modifying ownership and permission for DialRadar

Mon Nov 8 16:07:43 GMT 1999 - Modifying permission for dialRadar.sh

Mon Nov 8 16:07:43 GMT 1999 - Modifying ownership and permission for textArchiver.sh

Mon Nov 8 16:07:43 GMT 1999 - Modifying ownership and permission for legalArchiver.sh

Mon Nov 8 16:07:43 GMT 1999 - Post installation completed on ds1-tbdw

Mon Nov 8 16:07:44 GMT 1999 **ds2**

Mounting /awips/fxa to /TEMP_FXA_DIR

Creating push list for ds2...

Populating bin data lib on ds2
Installing /awips/fxa/informix on ds2...
Installing /awips/fxa/freewaybin on ds2...
ds2 localization complete
running post install script...
installing from root account
Mon Nov 8 16:10:18 GMT 1999 - Beginning post installation on ds2-tbdw
Mon Nov 8 16:10:18 GMT 1999 - Setting up .cshrc, .login, and environment variable files
Mon Nov 8 16:10:19 GMT 1999 - Modifying fxa-data.purge based on dedicated radars in radarsInUse.txt
 Adding radar/kmtx to fxa-data.purge
 Adding radar/kftg to fxa-data.purge
 Adding radar/kcri to fxa-data.purge
Mon Nov 8 16:10:27 GMT 1999 - Linking apitcfg.bin to apitcfg1.bin
Mon Nov 8 16:10:27 GMT 1999 - Linking icptcfg.bin to icptcfg1.bin
Mon Nov 8 16:10:27 GMT 1999 - Modifying ownership and permission for wfoApiRenice
Mon Nov 8 16:10:27 GMT 1999 - Modifying ownership and permission for DialRadar
Mon Nov 8 16:10:27 GMT 1999 - Modifying permission for dialRadar.sh
Mon Nov 8 16:10:27 GMT 1999 - Modifying ownership and permission for textArchiver.sh
Mon Nov 8 16:10:27 GMT 1999 - Modifying ownership and permission for legalArchiver.sh
Mon Nov 8 16:10:27 GMT 1999 - Post installation completed on ds2-tbdw
Setting up WFOA users on ds2
Setting up textdemo user environment
 creating new .cshrc file
 installing the .login file
 installing the .rhosts file
 installing the start file
 setting up dtwmrc file
 installing dtwmrc for a WFO
 installing dt settings
 Netscape already setup saving old preferences as prefernces.old
 changing file ownership to textdemo
Setting up awipsusr user environment
 creating new .cshrc file
 installing the .login file
 installing the .rhosts file
 installing dtwmrc for a WFO
 installing dt settings
 Netscape already setup saving old preferences as prefernces.old
 changing file ownership to awipsusr
 not a WS so not installing display crontab
Unmounting and removing /TEMP_FXA_DIR

Mon Nov 8 16:10:36 GMT 1999 **as1**

Mounting /awips/fxa to /TEMP_FXA_DIR

Creating push list for as1...

Populating bin data lib on as1

as1 localization complete

running post install script...

installing from root account

Mon Nov 8 16:12:57 GMT 1999 - Beginning post installation on as1-tbdw

Mon Nov 8 16:12:57 GMT 1999 - Setting up .cshrc, .login, and environment variable files

Mon Nov 8 16:12:58 GMT 1999 - Installing the Data Monitor directories and documents

Mon Nov 8 16:13:07 GMT 1999 - Adjusting startAFOS for correct port

Mon Nov 8 16:13:14 GMT 1999 - Post installation completed on as1-tbdw

Setting up WFOA users on as1

Setting up textdemo user environment

creating new .cshrc file

installing the .login file

installing the .rhosts file

installing the start file

setting up dtwmrc file

installing dtwmrc for a WFO

installing dt settings

Netscape already setup saving old preferences as prefernces.old

changing file ownership to textdemo

Setting up awipsusr user environment

creating new .cshrc file

installing the .login file

installing the .rhosts file

installing dtwmrc for a WFO

installing dt settings

Netscape already setup saving old preferences as prefernces.old

changing file ownership to awipsusr

not a WS so not installing display crontab

Unmounting and removing /TEMP_FXA_DIR

Mon Nov 8 16:13:25 GMT 1999 **as2**

Mounting /awips/fxa to /TEMP_FXA_DIR

Creating push list for as2...

Populating bin data lib on as2

as2 localization complete

running post install script...

installing from root account

Mon Nov 8 16:15:56 GMT 1999 - Beginning post installation on as2-tbdw

Mon Nov 8 16:15:56 GMT 1999 - Setting up .cshrc, .login, and environment variable files

Mon Nov 8 16:15:58 GMT 1999 - Installing the Data Monitor directories and documents

Mon Nov 8 16:16:10 GMT 1999 - Adjusting startAFOS for correct port

Mon Nov 8 16:16:17 GMT 1999 - Post installation completed on as2-tbdw

Setting up WFOA users on as2

Setting up textdemo user environment

creating new .cshrc file

installing the .login file

installing the .rhosts file

installing the start file

setting up dtwmrc file

installing dtwmrc for a WFO

installing dt settings

Netscape already setup saving old preferences as prefernces.old

changing file ownership to textdemo

Setting up awipsusr user environment

creating new .cshrc file

installing the .login file

installing the .rhosts file

installing dtwmrc for a WFO

installing dt settings

Netscape already setup saving old preferences as prefernces.old

changing file ownership to awipsusr

not a WS so not installing display crontab

Unmounting and removing /TEMP_FXA_DIR

Copying ldad decoder files to /awips/fxa/bin on ds1 and ds2

Mon Nov 8 16:16:35 GMT 1999 - Putting custom perl libraries in place (SignalHandler.pm)

Mon Nov 8 16:16:40 GMT 1999 - Putting custom perl libraries in place (SignalHandler.pm)

Mon Nov 8 16:16:43 GMT 1999 - Putting custom perl libraries in place (SignalHandler.pm)

Mon Nov 8 16:16:47 GMT 1999 - Putting custom perl libraries in place (SignalHandler.pm)

Mon Nov 8 16:16:51 GMT 1999 - Putting custom perl libraries in place (SignalHandler.pm)

Mon Nov 8 16:16:55 GMT 1999 - Putting custom perl libraries in place (SignalHandler.pm)

Mon Nov 8 16:16:58 GMT 1999 - Putting custom perl libraries in place (SignalHandler.pm)

Mon Nov 8 16:17:02 GMT 1999 - Putting custom perl libraries in place (SignalHandler.pm)

Mon Nov 8 16:17:06 GMT 1999 - Putting custom perl libraries in place (SignalHandler.pm)

Mon Nov 8 16:17:09 GMT 1999 - Putting custom perl libraries in place (SignalHandler.pm)

PUSH COMPLETE

Starting Service guard packages...

Starting as1swap...

cmrunpkg : completed successfully on all packages specified.

Starting as2swap...

cmrunpkg : completed successfully on all packages specified.

Starting data ingest for the DS on ds1-tbdw

MhsServer

SBN Acquisition Server

Comms Router

Grid Router

Grib Controller

Satellite Controller

Radar Server

Dial Server

RMR_Server

hmMonitor Server

wwaServer

MhsRequestServer

NWWS Product

NWWSProduct starting up....

caseArchiveServer

ldadServer

Using sendPing to get GribDecoder to check input Directory

Ping string sent: YTQA

Getting Ingest on as1 to reregister

Getting Ingest on as2 to reregister

Starting Text Database System for DS

Text Read Server

Text Write Server

Done starting ds processes.

Restarting the Notification Server on as1f.

Stopping the Notification Server

[1] 21521

/awips/ops/bin/mcMonFreewayd -i 60 -d 1260 -b 0 -l 0 -l 3

/awips/ops/bin/mcMonFreewayd -i 60 -d 1260 -b 1 -l 0

x400mta_start: execl'ing (/usr/x400mail/bin/x400mta, x400mta, -d/usr/x400mail, tbdw, 0)

ISOPLEX version 4.3 HP-UX 10

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--> Allocating default addressee table shared memory

Shared Memory [KEY = 7880] is already allocated
--> Loading default addressees from file /awips/ops/data/mhs/default_addr.data
dfltaddr_config Loading Default Addressee Table [SHMkey=7880] from file
/awips/ops/data/mhs/default_addr.data
--> Loading 'ALL' site configuration file /awips/ops/data/mhs/all_sites.data
dfltaddr_config Loading Default Addressee Table [SHMkey=7880] from file
/awips/ops/data/mhs/all_sites.data
--> Loading 'NWSUP' site configuration file /awips/ops/data/mhs/nwswsup_dlist.data
dfltaddr_config Loading Default Addressee Table [SHMkey=7880] from file
/awips/ops/data/mhs/nwswsup_dlist.data
--> Loading 'RFC' site configuration file /awips/ops/data/mhs/rfc_dlist.data
dfltaddr_config Loading Default Addressee Table [SHMkey=7880] from file
/awips/ops/data/mhs/rfc_dlist.data
--> Starting Message Dispatcher [mdp_daemon]...
--> Starting Message Request Server [msgreq_svr]...
--> Starting Message Receive Server [msgrcv_svr]...
--> Starting Message Handler [mhd_daemon]...
--> Starting x400 Receive Daemon [x400rd]...
--> Starting Message Table Timer Daemon [mtd_daemon]...
Starting the monitor client
Not starting archive_svr since not at NCF
mon_client: Begin execute host=ds1-tbdw
mon_client: OK open pipein=/dev/p_LOG
mon_client: logfile_name=/awips/ops/logs/mon.log.ds1-tbdw size=512000 bytes
mon_client: logfile_name_old=/awips/ops/logs/mon.log.ds1-tbdw.old size=512000 bytes
mon_client: logcons_errs_flag=LOG_NO logcons_all_flag=LOG_NO
mon_client: Already Running, /awips/ops/logs/mon.pid.ds1-tbdw file exists, pid is 4129
mon_client: Found ps line : 21589 tty1 0:00 mon_client
mon_client: sparing mon_client process 21589
Starting the archive request message handler
Starting the archive response message handler

Re-enabling package switching on all nodes...

cmmodpkg : completed successfully on all packages specified.

Pushing out wfoa to workstations...

Pushing WFOA to ws1 ws2 ws3 ws4 ws5

Mon Nov 8 16:24:59 GMT 1999 ws1

Mounting /awips/fxa to /TEMP_FXA_DIR
Creating push list for ws1...

Populating bin data lib on ws1
ws1 localization complete
running post install script...
installing from root account
Mon Nov 8 16:27:11 GMT 1999 - Beginning post installation on ws1-tbdw
Mon Nov 8 16:27:11 GMT 1999 - Setting up .cshrc, .login, and environment variable files
Mon Nov 8 16:27:12 GMT 1999 - Linking textdb to textdbRemote
Mon Nov 8 16:27:12 GMT 1999 - Creating Symbolic links for User Guide documents
Mon Nov 8 16:27:18 GMT 1999 - Post installation completed on ws1-tbdw
Setting up WFOA users on ws1
Setting up textdemo user environment
creating new .cshrc file
installing the .login file
installing the .rhosts file
installing the start file
setting up dtwmrc file
installing dtwmrc for a WFO
installing dt settings
Netscape already setup saving old preferences as prefernces.old
changing file ownership to textdemo
Setting up awipsusr user environment
creating new .cshrc file
installing the .login file
installing the .rhosts file
installing dtwmrc for a WFO
installing dt settings
Netscape already setup saving old preferences as prefernces.old
changing file ownership to awipsusr
installing awipsusr and fxa crontab
warning: commands will be executed using /usr/bin/sh
warning: commands will be executed using /usr/bin/sh
Unmounting and removing /TEMP_FXA_DIR

Mon Nov 8 16:27:27 GMT 1999 **ws2**

Mounting /awips/fxa to /TEMP_FXA_DIR
Creating push list for ws2...
Populating bin data lib on ws2
ws2 localization complete
running post install script...
installing from root account
Mon Nov 8 16:29:29 GMT 1999 - Beginning post installation on ws2-tbdw

Mon Nov 8 16:29:29 GMT 1999 - Setting up .cshrc, .login, and environment variable files
Mon Nov 8 16:29:29 GMT 1999 - Linking textdb to textdbRemote
Mon Nov 8 16:29:29 GMT 1999 - Creating Symbolic links for User Guide documents
Mon Nov 8 16:29:34 GMT 1999 - Post installation completed on ws2-tbdw
Setting up WFOA users on ws2
Setting up textdemo user environment
creating new .cshrc file
installing the .login file
installing the .rhosts file
installing the start file
setting up dtwmrc file
installing dtwmrc for a WFO
installing dt settings
Netscape already setup saving old preferences as prefernces.old
changing file ownership to textdemo
Setting up awipsusr user environment
creating new .cshrc file
installing the .login file
installing the .rhosts file
installing dtwmrc for a WFO
installing dt settings
Netscape already setup saving old preferences as prefernces.old
changing file ownership to awipsusr
installing awipsusr and fxa crontab
warning: commands will be executed using /usr/bin/sh
warning: commands will be executed using /usr/bin/sh
Unmounting and removing /TEMP_FXA_DIR

Mon Nov 8 16:29:45 GMT 1999 **ws3**

Mounting /awips/fxa to /TEMP_FXA_DIR
Creating push list for ws3...
Populating bin data lib on ws3
ws3 localization complete
running post install script...
installing from root account
Mon Nov 8 16:32:31 GMT 1999 - Beginning post installation on ws3-tbdw
Mon Nov 8 16:32:31 GMT 1999 - Setting up .cshrc, .login, and environment variable files
Mon Nov 8 16:32:34 GMT 1999 - Linking textdb to textdbRemote
Mon Nov 8 16:32:34 GMT 1999 - Creating Symbolic links for User Guide documents
Mon Nov 8 16:32:40 GMT 1999 - Post installation completed on ws3-tbdw
Setting up WFOA users on ws3

Setting up textdemo user environment
creating new .cshrc file
installing the .login file
installing the .rhosts file
installing the start file
setting up dtwmrc file
installing dtwmrc for a WFO
installing dt settings
Netscape already setup saving old preferences as prefernces.old
changing file ownership to textdemo
Setting up awipsusr user environment
creating new .cshrc file
installing the .login file
installing the .rhosts file
installing dtwmrc for a WFO
installing dt settings
Netscape already setup saving old preferences as prefernces.old
changing file ownership to awipsusr
installing awipsusr and fxa crontab
warning: commands will be executed using /usr/bin/sh
warning: commands will be executed using /usr/bin/sh
Unmounting and removing /TEMP_FXA_DIR

Mon Nov 8 16:32:49 GMT 1999 **ws4**

Mounting /awips/fxa to /TEMP_FXA_DIR
Creating push list for ws4...
Populating bin data lib on ws4
ws4 localization complete
running post install script...
installing from root account
Mon Nov 8 16:34:55 GMT 1999 - Beginning post installation on ws4-tbdw
Mon Nov 8 16:34:55 GMT 1999 - Setting up .cshrc, .login, and environment variable files
Mon Nov 8 16:34:56 GMT 1999 - Linking textdb to textdbRemote
Mon Nov 8 16:34:56 GMT 1999 - Creating Symbolic links for User Guide documents
Mon Nov 8 16:35:00 GMT 1999 - Post installation completed on ws4-tbdw
Setting up WFOA users on ws4
Setting up textdemo user environment
creating new .cshrc file
installing the .login file
installing the .rhosts file
installing the start file

setting up dtwmrc file
installing dtwmrc for a WFO
installing dt settings
Netscape already setup saving old preferences as prefernces.old
changing file ownership to textdemo
Setting up awipsusr user environment
creating new .cshrc file
installing the .login file
installing the .rhosts file
installing dtwmrc for a WFO
installing dt settings
Netscape already setup saving old preferences as prefernces.old
changing file ownership to awipsusr
installing awipsusr and fxa crontab
warning: commands will be executed using /usr/bin/sh
warning: commands will be executed using /usr/bin/sh
Unmounting and removing /TEMP_FXA_DIR

Mon Nov 8 16:35:11 GMT 1999 **ws5**

Mounting /awips/fxa to /TEMP_FXA_DIR
Creating push list for ws5...
Populating bin data lib on ws5
ws5 localization complete
running post install script...
installing from root account
Mon Nov 8 16:37:35 GMT 1999 - Beginning post installation on ws5-tbdw
Mon Nov 8 16:37:35 GMT 1999 - Setting up .cshrc, .login, and environment variable files
Mon Nov 8 16:37:37 GMT 1999 - Linking textdb to textdbRemote
Mon Nov 8 16:37:37 GMT 1999 - Creating Symbolic links for User Guide documents
Mon Nov 8 16:37:43 GMT 1999 - Post installation completed on ws5-tbdw
Setting up WFOA users on ws5
Setting up textdemo user environment
creating new .cshrc file
installing the .login file
installing the .rhosts file
installing the start file
setting up dtwmrc file
installing dtwmrc for a WFO
installing dt settings
Netscape already setup saving old preferences as prefernces.old
changing file ownership to textdemo

Setting up awipsusr user environment
creating new .cshrc file
installing the .login file
installing the .rhosts file
installing dtwmrc for a WFO
installing dt settings
Netscape already setup saving old preferences as prefernces.old
changing file ownership to awipsusr
installing awipsusr and fxa crontab
warning: commands will be executed using /usr/bin/sh
warning: commands will be executed using /usr/bin/sh
Unmounting and removing /TEMP_FXA_DIR

Note: LDAD is not installed!

Mon Nov 8 16:37:55 GMT 1999 - Putting custom perl libraries in place (SignalHandler.pm)
Mon Nov 8 16:37:59 GMT 1999 - Putting custom perl libraries in place (SignalHandler.pm)
Mon Nov 8 16:38:03 GMT 1999 - Putting custom perl libraries in place (SignalHandler.pm)
Mon Nov 8 16:38:07 GMT 1999 - Putting custom perl libraries in place (SignalHandler.pm)
Mon Nov 8 16:38:11 GMT 1999 - Putting custom perl libraries in place (SignalHandler.pm)
Mon Nov 8 16:38:15 GMT 1999 - Putting custom perl libraries in place (SignalHandler.pm)
Mon Nov 8 16:38:19 GMT 1999 - Putting custom perl libraries in place (SignalHandler.pm)
Mon Nov 8 16:38:22 GMT 1999 - Putting custom perl libraries in place (SignalHandler.pm)
Mon Nov 8 16:38:26 GMT 1999 - Putting custom perl libraries in place (SignalHandler.pm)
Mon Nov 8 16:38:29 GMT 1999 - Putting custom perl libraries in place (SignalHandler.pm)

PUSH COMPLETE

Removing LAPS from AS1 and AS2...

Installing LAPS on as1...

Could not read grid202#1536#1008~conusSLC_#1201#897 (IGNORE)
as MapDepictor in ImageTable::readImageTable

Installing LAPS on as2...

Running LAPS localization on as2...

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Results of this localization not being logged.

performing localization for SLC with the following steps:

laps

LOCAL_WFO=SLC INGEST_SITE=SLC INGEST_WFO=SLC

FXA_CUSTOM_FILES is /data/fxa/customFiles

find: cannot search ./990723

(IGNORE)

running laps_localization.pl

gridgen_model: start

/data/fxa/laps/static/nest7grid.parms

get_laps_config - parameters read in OK

standard_lats = 39.79927 90.0

grid_spacing = 10000.0

grid_center = 39.79927 -111.533

c6_maproj = plrstr

std_lon = -111.533

Projection is secant to earths surface

Note, grid spacing will equal 10000.0 at a latitude of 39.79927

deltax, deltax (in projection plane) 10000.0 10000.0

Corner points...

lat/lon at 1, 1 = 37.05339 -114.83984

lat/lon at 61, 1 = 37.05339 -108.22559

lat/lon at 1, 61 = 42.43855 -115.27081

lat/lon at 61, 61 = 42.43855 -107.79462

```
subroutine check_domain: checking latlon_to_rlpsgrid
Initializing latlon_to_rlpsgrid  -.02873  .02873  -.49717  -.43971
check_domain: max_diff (gridpoints) = 2.83267E-04 at i/j 58 10
check_domain: max_diff (approx m) = 2.83267
Checking rlpsgrid_to_latlon
Initializing rlpsgrid_to_latlon  -.02873  .02873  -.49717  -.43971
check_domain: max_diff (degrees) = 2.67183E-05 at i/j 52 8
check_domain: max_diff (approx m) = 2.93901
measured grid spacing on earths surface at domain center is: 10000.01
calculated grid spacing on earths surface at domain center is:
10000.0
grid spacing on projection plane using "latlon_to_xy" is: 10001.0
```

```
deltax = 10000.0
check_domain:status = 1
```

```
Processing 30s topo data....
Opening input unit 29 file name /awips/laps/terrain/topo_30s/UHEADER
format FORMATTED
title=/awips/laps/terrain/topo_30s/UHEADER
```

```
isbego,iwbego= 0 0
iblksize,no= 1 121
deltaxq,deltayq= 20000.0 20000.0
np= 10
no,mof,np,niq,njq= 121 5 10 34 34
-3.00001E+05 299999.3 -.671875
deltaxp= 2000.0
jq,njq,niq= 1 34 34
jq,njq,niq= 2 34 34
jq,njq,niq= 3 34 34
jq,njq,niq= 4 34 34
jq,njq,niq= 5 34 34
jq,njq,niq= 6 34 34
jq,njq,niq= 7 34 34
jq,njq,niq= 8 34 34
jq,njq,niq= 9 34 34
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jq,njq,niq= 11 34 34
jq,njq,niq= 12 34 34
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jq,njq,niq= 15 34 34
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jq,njq,niq= 29 34 34
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jq,njq,niq= 31 34 34
jq,njq,niq= 32 34 34
jq,njq,niq= 33 34 34
jq,njq,niq= 34 34 34
after 15
datq= 1773.893 2150.873
datr= 1033.627 2105.197

Processing 10m topo data....
Opening input unit 29 file name /awips/laps/terrain/topo_10m/HHEADER
format FORMATTED
title=/awips/laps/terrain/topo_10m/HHEADER

isbego,iwbego= -90 0
iblksize,no= 20 121
deltaxq,deltayq= 20000.0 20000.0
np= 1
no,mof,np,niq,njq= 121 5 1 34 34
-3.00001E+05 299999.3 -.671875
deltaxp= 20000.0
jq,njq,niq= 1 34 34
jq,njq,niq= 2 34 34
jq,njq,niq= 3 34 34
jq,njq,niq= 4 34 34
jq,njq,niq= 5 34 34
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jq,njq,niq= 31 34 34
jq,njq,niq= 32 34 34
jq,njq,niq= 33 34 34
jq,njq,niq= 34 34 34
after 15
datq= 1834.786 2085.291
datr= 911.7882 2177.404

Processing 10m land data....
Opening input unit 29 file name /awips/laps/terrain/land_10m/LHEADER
format FORMATTED
title=/awips/laps/terrain/land_10m/LHEADER

isbego,iwbego= -90 0
iblksize,no= 20 121
deltaxq,deltayq= 5000.0 5000.0
np= 1
no,mof,np,niq,njq= 121 5 1 124 124

-3.00001E+05 299999.3 -.671875

deltaxp= 5000.0

jq,njq,niq= 1 124 124

jq,njq,niq= 2 124 124

jq,njq,niq= 3 124 124

jq,njq,niq= 4 124 124

jq,njq,niq= 5 124 124

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jq,njq,niq= 121 124 124
jq,njq,niq= 122 124 124
jq,njq,niq= 123 124 124
jq,njq,niq= 124 124 124
after 15
datq= .9999961 .9999675
datr= .9999959 1.00002
```

topt_30 = 1033.627 2105.197
topt_10 = 911.7882 2177.404
topt_out = 1033.627 2105.197
topt_pctlfn= .9999959 1.00002
of grid pts using 30 sec data = 3721
of grid pts using 10 min data = 0
of grid pts using blended data = 0

subroutine check_domain: checking latlon_to_rlpsgrid
check_domain: max_diff (gridpoints) = 2.83267E-04 at i/j 58 10
check_domain: max_diff (approx m) = 2.83267
Checking rlpsgrid_to_latlon
check_domain: max_diff (degrees) = 2.67183E-05 at i/j 52 8
check_domain: max_diff (approx m) = 2.93901
measured grid spacing on earths surface at domain center is: 10000.01
calculated grid spacing on earths surface at domain center is:
10000.0
grid spncvarput: ncid 4: Edge+start exceeds dimension bound
acing on projection plane using "latlon_to_xy" is: 10001.0

deltax = 10000.0
check_domain: status = 1
Calculate Polar Stereo NetCDF parameters on
equivalent projection tangent
to pole. Internal LAPS projection is secant
deltax_cdf, deltay_cdf 12194.38 12194.38
/data/fxa/laps/static/ 22
wrt_laps_static: status = 1
rd_laps_static: status = 1
gridgen_model finish: istatus = 1

/data/fxa/laps/static/nest7grid.parms
get_laps_config - parameters read in OK

Topography:
Max of 3426.9 at 40, 42
Min of 929.0 at 8, 1
Range of 2498.0

Drag coef.:
Ave: 254.2431 Std Dev: 311.9613
Max: 1213.0271 at 29 40
Min: 1.3306 at 15 43

Calc scale factor: .0790

Normal completion of DRAG_COEF.

Using preset rom2 of: .01000 Calc d: 18.87

Max. terrain 3427.; Max. smooth terrain 2230.

Normal completion of PBL_TOP

Normal completion of build_sfc_static

Template directory /dev/null/data not found - proceeding assuming all namelists are up to date

Localizing for WFO SLC

Using static template file /data/fxa/laps/static/background.nl

Using static template file /data/fxa/laps/static/balance.nl

Using static template file /data/fxa/laps/static/cloud.nl

Using static template file /data/fxa/laps/static/cloud_drift.nl

Using static template file /data/fxa/laps/static/dprep.nl

Using static template file /data/fxa/laps/static/ingest_rrv.nl

Using static template file /data/fxa/laps/static/moisture_switch.nl

Using static template file /data/fxa/laps/static/remap.nl

Using static template file /data/fxa/laps/static/sat_sounder.nl

Using static template file /data/fxa/laps/static/satellite_lvd.nl

Using static template file /data/fxa/laps/static/temp.nl

Using static template file /data/fxa/laps/static/vad.nl

Using static template file /data/fxa/laps/static/vrc.nl

Using static template file /data/fxa/laps/static/wind.nl

Using static template file /data/fxa/laps/static/ln3.nl

Using static template file /data/fxa/laps/static/nest7grid.parms

/awips/laps/bin/gridgen_model.exe completed

gridgen_model.exe complete - building sfc lookup tables

/awips/laps/bin/gensfclut.exe completed

cleaning out static/vxx directory of any old luts

rm -f /data/fxa/laps/static/vxx/*lut* completed

cleaning out static/lvd directory of any old luts

rm -f /data/fxa/laps/static/lvd/*.lut completed

/awips/laps/etc/laps_localization.pl complete

laps localization done

removing outdated mapping tables

find: cannot search ./990723

(IGNORE)

find: cannot search ./990723

(IGNORE)

find: cannot search ./990723

(IGNORE)

removing files redundant to the national data set

find: cannot search ./990723

(IGNORE)

find: cannot search ./990723

(IGNORE)

making all localization data set files group writable

Done Upgrading PRC, FOA, and LAPS to 4.3...

ds1-tbdw:root:365# *./stopscript*

Script done, file is -a /home/ncfuser/install43.out

6.0 PART 6: Install OH Script Output:

6.1 Error Information:

The following error messages can be **IGNORED**:

1. 329: Database not found or no system permission.
2. 11: ISAM error: no record found.

Please do **NOT** use <CTL-C> from ANY of the steps during the installation.

If you encounter any unexpected errors, please **call the NCF immediately BEFORE taking any action and DO NOT PROCEED.**

6.2 Sample Script Output “installOH43.out”: (For WFO sites)

Script started on Wed Mar 8 18:53:06 2000
ds1-tbdw:root:405# *./installOHR4.3*

Backing up whfs_crontab to whfs_crontab.R42...

Backing up metar.cfg to metar.cfg.R42...

Moving /awips/hydroapps/whfs/local/data/metar_input to metar_input.old...

Moving /awips/hydroapps/whfs/local/data/log/metar2shef to metar2shef.old...

Updating WHFS software...

Updating metar.cfg file for a WFO...

Removing old permission scripts...

Fixing ownership and Permissions for OH...

Setting the permission for the /awips/hydroapps/ directory

Setting file permissions for the two .Apps_defaults files

Setting directory and file permissions for NWS/OH software

in the bldnn_docs, fonts, ihfsdb_conversion, public,
shefdecode, and whfs directory trees under /awips/hydroapps/

Setting directory and file permissions on /bldnn_docs/

Setting directory and file permissions on /fonts/

Setting directory and file permissions on /ihfsdb_conversion/

Setting directory and file permissions on /awips/hydroapps/public/

Setting directory and file permissions on /shefdecode/

Setting directory and file permissions on /whfs/

Directory and file permissions NOW SET for NWS/OH software
in the bldnn_docs, fonts, ihfsdb_conversion, public,
shefdecode, and whfs directory trees under /awips/hydroapps/

Adding new data retention criterion to OH database...

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Inserting row into table purgedyndata in database hd1_2lwx...

Database selected.

1 row(s) inserted.

Database closed.

IGNORE ANY 'duplicate value for a record with unique key' MESSAGES ABOVE

Dropping and Creating procedure delete_radar in database hd1_2lwx...

Database selected.

Routine dropped.

Routine created.

Database closed.

Dropping and Creating procedure obs_precip_upd in database hd1_2lwx...

Database selected.

Routine dropped.

Routine created.

Database closed.

Dropping and Creating trigger obs_precip in database hd1_2lwx...

Database selected.

Trigger dropped.

Trigger created.

Trigger dropped.

Trigger created.

Database closed.

Dropping and Creating procedure obs_pe in database hd1_2lwx...

Database selected.

Routine dropped.

Routine created.

Database closed.

Dropping and Creating procedure fcst_pe in database hd1_2lwx...

Database selected.

Routine dropped.

Routine created.

Database closed.

logout

Done Upgrading OH software for Release 4.3...

ds1-nmtw:root:1111# *./stopscript*

Script done, file is -a /home/ncfuser/installOH43.out

7.0 PART 7: Post Install Script Output:

7.1 Error Information:

The following error messages can be **IGNORED**:

1. /sbin/init.d/hdpdecode[82]: 25288 Bus error(coredump)

Please do **NOT** use <CTL-C> from ANY of the steps during the installation.

If you encounter any unexpected errors, please **call the NCF immediately BEFORE taking any action and DO NOT PROCEED.**

7.2 Sample Script Output “postinstall43.out”:

Script started on Wed Mar 8 19:21:53 2000
ds1-tbdw:root:403# *./postinstallR4.3*

Installing Release_ID under /awips on ds1...
Installing Release_ID under /awips on ds2...
Installing Release_ID under /awips on as1...
Installing Release_ID under /awips on as2...
Installing Release_ID under /awips on ws1-tbdw...
Installing Release_ID under /awips on ws2-tbdw...
Installing Release_ID under /awips on ws3-tbdw...
Installing Release_ID under /awips on ws4-tbdw...
Installing Release_ID under /awips on ws5-tbdw...

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logout
You have running jobs

FXA_HOME=/awips/fxa

listener

starting listener on Wed Mar 8 19:23:14 GMT 2000

[1] 22330

Starting the Ingest Processes

Starting data ingest for the DS on ds1-tbdw

LDAD Router

LDAD Data Controller

LDAD external processes

[1] 16178

LDAD WatchDog

[2] 25696

pollForData.pl

starting pollForData.pl on Wed Mar 8 19:24:31 GMT 2000

[3] 22580

Completed LDAD Startup

/sbin/init.d/hdpdecode[82]: 25288 Bus error(coredump)

(No Impact to Install, continue)

Installing new crons into service guard...

Do you want to copy 'ifps' cron files into the cron
management infrastructure, erasing any 'ifps'
cron files that might already be in place?

(For DS1)

Copying 'ifps' cron files into cron management...

Do you want to copy 'lamp' cron files into the cron
management infrastructure, erasing any 'lamp'
cron files that might already be in place?

Copying 'lamp' cron files into cron management...

Do you want to copy 'oper' cron files into the cron management infrastructure, erasing any 'oper' cron files that might already be in place?

Copying 'oper' cron files into cron management...

Do you want to copy 'fxa' cron files into the cron management infrastructure, erasing any 'fxa' cron files that might already be in place?

Copying 'fxa' cron files into cron management...

Do you want to copy 'ldad' cron files into the cron management infrastructure, erasing any 'ldad' cron files that might already be in place?

Copying 'ldad' cron files into cron management...

CLUSTER	STATUS
awips	up

NODE	STATUS	STATE
ds1-tbdw	up	running

PACKAGE	STATUS	STATE	PKG_SWITCH	NODE
dsswap	up	running	enabled	ds1-tbdw

NODE	STATUS	STATE
ds2-tbdw	up	running
as1-tbdw	up	running

PACKAGE	STATUS	STATE	PKG_SWITCH	NODE
as1swap	up	running	enabled	as1-tbdw

NODE	STATUS	STATE
as2-tbdw	up	running

PACKAGE	STATUS	STATE	PKG_SWITCH	NODE
as2swap	up	running	enabled	as2-tbdw

Installing fxa's crons from /etc/cmcluster/crons/fxa/ds1.dsswap

warning: commands will be executed using /usr/bin/sh

Installing ifps's crons from /etc/cmcluster/crons/ifps/ds1.dsswap

warning: commands will be executed using /usr/bin/sh

Installing informix's crons from /etc/cmcluster/crons/informix/ds1.dsswap
warning: commands will be executed using /usr/bin/sh
WARNING: lamp is not authorized to use crontab
Installing ldad's crons from /etc/cmcluster/crons/ldad/ds1.dsswap
warning: commands will be executed using /usr/bin/sh
Installing oper's crons from /etc/cmcluster/crons/oper/ds1.dsswap
warning: commands will be executed using /usr/bin/sh
Installing root's crons from /etc/cmcluster/crons/root/ds1.dsswap
warning: commands will be executed using /usr/bin/sh

Do you want to copy 'ifps' cron files into the cron management infrastructure, erasing any 'ifps' cron files that might already be in place?
Copying 'ifps' cron files into cron management... **(For DS2)**

Do you want to copy 'lamp' cron files into the cron management infrastructure, erasing any 'lamp' cron files that might already be in place?
Copying 'lamp' cron files into cron management...

Do you want to copy 'oper' cron files into the cron management infrastructure, erasing any 'oper' cron files that might already be in place?
Copying 'oper' cron files into cron management...

Do you want to copy 'fxa' cron files into the cron management infrastructure, erasing any 'fxa' cron files that might already be in place?
Copying 'fxa' cron files into cron management...

Do you want to copy 'ldad' cron files into the cron management infrastructure, erasing any 'ldad' cron files that might already be in place?
Copying 'ldad' cron files into cron management...

CLUSTER	STATUS
awips	up

NODE	STATUS	STATE
ds1-tbdw	up	running

PACKAGE	STATUS	STATE	PKG_SWITCH	NODE
dsswap	up	running	enabled	ds1-tbdw

NODE	STATUS	STATE
ds2-tbdw	up	running
as1-tbdw	up	running

PACKAGE	STATUS	STATE	PKG_SWITCH	NODE
as1swap	up	running	enabled	as1-tbdw

NODE	STATUS	STATE
as2-tbdw	up	running

PACKAGE	STATUS	STATE	PKG_SWITCH	NODE
as2swap	up	running	enabled	as2-tbdw

WARNING: lamp is not authorized to use crontab
Installing root's crons from /etc/cmcluster/crons/root/ds2
warning: commands will be executed using /usr/bin/sh

Do you want to copy 'ifps' cron files into the cron management infrastructure, erasing any 'ifps' cron files that might already be in place?
Copying 'ifps' cron files into cron management... **(For AS1)**

Do you want to copy 'lamp' cron files into the cron management infrastructure, erasing any 'lamp' cron files that might already be in place?
Copying 'lamp' cron files into cron management...

Do you want to copy 'oper' cron files into the cron management infrastructure, erasing any 'oper' cron files that might already be in place?
Copying 'oper' cron files into cron management...

Do you want to copy 'fxa' cron files into the cron management infrastructure, erasing any 'fxa' cron files that might already be in place?
Copying 'fxa' cron files into cron management...

Do you want to copy 'ldad' cron files into the cron management infrastructure, erasing any 'ldad' cron files that might already be in place?
Copying 'ldad' cron files into cron management...

CLUSTER	STATUS
---------	--------

```

awips      up

NODE       STATUS   STATE
ds1-tbdw  up          running

PACKAGE    STATUS   STATE   PKG_SWITCH  NODE
dsswap     up          running  enabled     ds1-tbdw

NODE       STATUS   STATE
ds2-tbdw  up          running
as1-tbdw  up          running

PACKAGE    STATUS   STATE   PKG_SWITCH  NODE
as1swap    up          running  enabled     as1-tbdw

NODE       STATUS   STATE
as2-tbdw  up          running

PACKAGE    STATUS   STATE   PKG_SWITCH  NODE
as2swap    up          running  enabled     as2-tbdw

CLUSTER    STATUS
awips      up

NODE       STATUS   STATE
ds1-tbdw  up          running

PACKAGE    STATUS   STATE   PKG_SWITCH  NODE
dsswap     up          running  enabled     ds1-tbdw

NODE       STATUS   STATE
ds2-tbdw  up          running
as1-tbdw  up          running

PACKAGE    STATUS   STATE   PKG_SWITCH  NODE
as1swap    up          running  enabled     as1-tbdw

NODE       STATUS   STATE
as2-tbdw  up          running

PACKAGE    STATUS   STATE   PKG_SWITCH  NODE
as2swap    up          running  enabled     as2-tbdw

```

Installing fxa's crons from /etc/cmcluster/crons/fxa/as1.as1swap
warning: commands will be executed using /usr/bin/sh
WARNING: ifps is not authorized to use crontab
WARNING: informix is not authorized to use crontab
Installing root's crons from /etc/cmcluster/crons/root/as1.as1swap
warning: commands will be executed using /usr/bin/sh

Do you want to copy 'ifps' cron files into the cron management infrastructure, erasing any 'ifps' cron files that might already be in place?
Copying 'ifps' cron files into cron management... **(For AS2)**

Do you want to copy 'lamp' cron files into the cron management infrastructure, erasing any 'lamp' cron files that might already be in place?
Copying 'lamp' cron files into cron management...

Do you want to copy 'oper' cron files into the cron management infrastructure, erasing any 'oper' cron files that might already be in place?
Copying 'oper' cron files into cron management...

Do you want to copy 'fxa' cron files into the cron management infrastructure, erasing any 'fxa' cron files that might already be in place?
Copying 'fxa' cron files into cron management...

Do you want to copy 'ldad' cron files into the cron management infrastructure, erasing any 'ldad' cron files that might already be in place?
Copying 'ldad' cron files into cron management...

CLUSTER	STATUS
awips	up

NODE	STATUS	STATE
ds1-tbdw	up	running

PACKAGE	STATUS	STATE	PKG_SWITCH	NODE
dsswap	up	running	enabled	ds1-tbdw

NODE	STATUS	STATE
ds2-tbdw	up	running

```

as1-tbdw    up                running

PACKAGE     STATUS    STATE    PKG_SWITCH  NODE
as1swap     up        running  enabled     as1-tbdw

NODE        STATUS    STATE
as2-tbdw    up        running

PACKAGE     STATUS    STATE    PKG_SWITCH  NODE
as2swap     up        running  enabled     as2-tbdw

CLUSTER     STATUS
awips       up

NODE        STATUS    STATE
ds1-tbdw    up        running

PACKAGE     STATUS    STATE    PKG_SWITCH  NODE
dsswap      up        running  enabled     ds1-tbdw

NODE        STATUS    STATE
ds2-tbdw    up        running
as1-tbdw    up        running

PACKAGE     STATUS    STATE    PKG_SWITCH  NODE
as1swap     up        running  enabled     a  s1-tbdw

NODE        STATUS    STATE
as2-tbdw    up        running

PACKAGE     STATUS    STATE    PKG_SWITCH  NODE
as2swap     up        running  enabled     as2-tbdw

```

```

Installing fxa's crons from /etc/cmcluster/crons/fxa/as2.as2swap
warning: commands will be executed using /usr/bin/sh
WARNING: ifps is not authorized to use crontab
WARNING: informix is not authorized to use crontab
Installing lamp's crons from /etc/cmcluster/crons/lamp/as2.as2swap
warning: commands will be executed using /usr/bin/sh
Installing oper's crons from /etc/cmcluster/crons/oper/as2.as2swap
warning: commands will be executed using /usr/bin/sh
Installing root's crons from /etc/cmcluster/crons/root/as2.as2swap
warning: commands will be executed using /usr/bin/sh

```

Installing new root cron on ws1-tbdw....
warning: commands will be executed using /usr/bin/sh
Installing new root cron on ws2-tbdw....
warning: commands will be executed using /usr/bin/sh
Installing new root cron on ws3-tbdw....
warning: commands will be executed using /usr/bin/sh
Installing new root cron on ws4-tbdw....
warning: commands will be executed using /usr/bin/sh
Installing new root cron on ws5-tbdw....
warning: commands will be executed using /usr/bin/sh

Adding Products to largeText...

(From this point, the large text conversion may take up to 2 hours depending on number of products in the database. **Complete product conversion list: F6K, F6T, GLF, LCD, MIM, PSH, SFT, SPF, STD.**)

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Converting to large text: F6K

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Converting to large text: F6T

Initializing Software Inventory

NOTE: This will take about 10 minutes per host!!!

Initializing Software Inventory on ds1...

Initializing Software Inventory on ds2...

/home:

Initializing Software Inventory on as1...

Initializing Software Inventory on as2...

Initializing Software Inventory on ws1-tbdw...

Initializing Software Inventory on ws2-tbdw...

Initializing Software Inventory on ws3-tbdw...

Initializing Software Inventory on ws4-tbdw...

Initializing Software Inventory on ws5-tbdw...

Upgrade to Release 4.3 Complete.

ds1-tbdw:root:473# *./stopscript*

Script done, file is -a /home/ncfuser/postinstall43.out

8.0 PART 8: After Install Setup Procedures Script Output:

8.1 Error Information:

The following error messages can be **IGNORED**:

1. find: cannot search ./990723
2. error creating MapDepictor in PVImageDepict

If you encounter any unexpected errors, please **call the NCF immediately BEFORE taking any action and DO NOT PROCEED.**

8.2 Sample Script Output “CreateRadarMosaics.out”:

Script started on Mon Nov 8 17:36:34 1999
ds1-tbdw:root:554# ./CreateRadarMosaics

NOTE: You currently have 14 in your radarsOnMenu.txt file.

NOTE: This could take an estimated time of 140 minutes...

NOTE: This time does not include the time to push out to the other workstations.

This could take an additional 10 minutes per workstation

NOTE: Please log out of D2D on Workstation 1 before proceeding...

Do you want to create Radar Mosaics (y/n) y

Cleaning out old mosaic files on ds1...

Cleaning out old mosaic files on ws1-tbdw...

Cleaning out old mosaic files on ws2-tbdw...

Cleaning out old mosaic files on ws3-tbdw...

Cleaning out old mosaic files on ws4-tbdw...

Cleaning out old mosaic files on ws5-tbdw...

Creating radar mosaics on ws1...

NOTE: You can use the system, but please don't use ws1 till this step is complete.

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Results of this localization not being logged.

performing localization for SLC with the following steps:

radTables

LOCAL_WFO=SLC INGEST_SITE=SLC INGEST_WFO=SLC

FXA_CUSTOM_FILES is /data/fxa/customFiles

find: cannot search ./990723

(IGNORE)

running testRadarDepicts

[1] 23289

error creating MapDepictor in PVIImageDepict

(IGNORE)

error creating MapDepictor in PVIImageDepict

error creating MapDepictor in PVIImageDepict

error creating MapDepictor in PVIImageDepict

error creating MapDepictor in PVIImageDepict

error creating MapDepictor in PVIImageDepict

Killed

[1] +Done /awips/fxa/data/localization/scripts/monitor.csh 2

testRadarDepicts became inactive and was killed

mapping tables done.

removing outdated mapping tables

find: cannot search ./990723

(IGNORE)

find: cannot search ./990723

find: cannot search ./990723

removing files redundant to the national data set

find: cannot search ./990723
find: cannot search ./990723

making all localization data set files group writable
Copying files that changed in /awips/fxa/data/localizationDataSets/SLC from ws1 to
/data/fxa/WS.tar on ds1...

Install new mosaic file on ws2-tbdw...
Install new mosaic file on ws3-tbdw...
Install new mosaic file on ws4-tbdw...
Install new mosaic file on ws5-tbdw...

Removing /data/fxa/WS.tar from ds1...
Radar Mosaic Creation Complete.

ds1-tbdw:root:589# **./stopscript**

script done on Mon Nov 8 18:39:03 1999